

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029310.D
 Acq On : 17 Oct 2017 20:52
 Operator : SJ/JU
 Sample : PB103373BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Quant Time: Oct 18 00:54:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60522	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	286957	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	196869	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	469224	20.00	ng	0.00
75) Chrysene-d12	21.80	240	492135	20.00	ng	0.00
86) Perylene-d12	25.11	264	505045	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	227349	62.75	ng	0.00
7) Phenol-d6	7.32	99	309773	60.92	ng	0.00
23) Nitrobenzene-d5	9.33	82	267252	59.18	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	154930	60.95	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	735509	54.79	ng	0.00
78) Terphenyl-d14	20.11	244	1277784	59.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	32700	22.246	ng	86
3) Pyridine	3.98	79	95118	22.221	ng	90
4) n-Nitrosodimethylamine	3.90	42	46586	23.282	ng	# 94
6) Aniline	7.49	93	37164	5.902	ng	97
8) 2-Chlorophenol	7.73	128	108824	26.206	ng	91
9) Benzaldehyde	7.30	77	31453	12.297	ng	91
10) Phenol	7.35	94	145432	26.527	ng	90
11) bis(2-Chloroethyl)ether	7.58	93	97677	24.454	ng	92
12) 1,3-Dichlorobenzene	8.06	146	112103	24.045	ng	96
13) 1,4-Dichlorobenzene	8.20	146	112963	23.732	ng	93
14) 1,2-Dichlorobenzene	8.53	146	107739	23.466	ng	94
15) Benzyl Alcohol	8.40	79	96215	26.848	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.70	45	162405	23.941	ng	93
17) 2-Methylphenol	8.61	107	97086	26.658	ng	95
18) Hexachloroethane	9.26	117	38841	23.944	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	83059	24.021	ng	# 97
20) 3+4-Methylphenols	8.94	107	136686	26.636	ng	94
22) Acetophenone	8.99	105	155848	22.536	ng	# 94
24) Nitrobenzene	9.38	77	122398	24.107	ng	92
25) Isophorone	9.90	82	227519	24.135	ng	96
26) 2-Nitrophenol	10.09	139	61537	25.359	ng	92
27) 2,4-Dimethylphenol	10.14	122	112473	25.618	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	142542	24.659	ng	97
29) 2,4-Dichlorophenol	10.63	162	123997	26.485	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	122788	24.276	ng	97
31) Naphthalene	11.03	128	347741	24.315	ng	98
32) Benzoic acid	10.25	122	81890	22.276	ng	# 83
33) 4-Chloroaniline	11.14	127	29402	4.887	ng	97
34) Hexachlorobutadiene	11.32	225	71150	22.624	ng	97
35) Caprolactam	11.89	113	43614	28.030	ng	# 82
36) 4-Chloro-3-methylphenol	12.25	107	131339	25.506	ng	92
37) 2-Methylnaphthalene	12.63	142	275408	26.423	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	148116	20.607	ng	98
40) Hexachlorocyclopentadiene	12.97	237	160701	60.241	ng	94

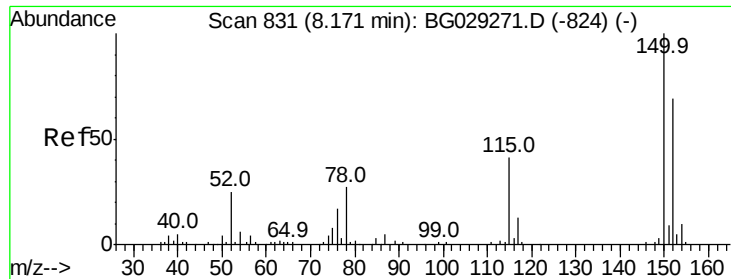
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	108218	23.984	ng	98
43) 2,4,5-Trichlorophenol	13.30	196	116497	25.140	ng	95
45) 1,1'-Biphenyl	13.63	154	373611	22.079	ng	98
46) 2-Chloronaphthalene	13.67	162	293002	23.739	ng	96
47) 2-Nitroaniline	13.87	65	88301	26.046	ng	# 85
48) Acenaphthylene	14.51	152	470067	24.334	ng	99
49) Dimethylphthalate	14.23	163	382337	24.891	ng	99
50) 2,6-Dinitrotoluene	14.35	165	86883	26.982	ng	# 79
51) Acenaphthene	14.85	154	294209	23.409	ng	99
52) 3-Nitroaniline	14.68	138	31950	9.195	ng	# 83
53) 2,4-Dinitrophenol	14.89	184	92861	54.661	ng	# 53
54) Dibenzofuran	15.18	168	472437	26.331	ng	99
55) 4-Nitrophenol	14.98	139	151499	52.888	ng	# 81
56) 2,4-Dinitrotoluene	15.14	165	121313	27.831	ng	# 80
57) Fluorene	15.83	166	380624	25.680	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	114015	29.491	ng	95
59) Diethylphthalate	15.59	149	386415	25.243	ng	99
60) 4-Chlorophenyl-phenylether	15.82	204	202831	25.666	ng	97
61) 4-Nitroaniline	15.84	138	89760	25.158	ng	86
62) Azobenzene	16.11	77	350458	27.149	ng	96
64) 4,6-Dinitro-2-methylphenol	15.90	198	61643	25.695	ng	89
65) n-Nitrosodiphenylamine	16.03	169	347506	24.723	ng	97
66) 4-Bromophenyl-phenylether	16.71	248	132791	24.663	ng	97
67) Hexachlorobenzene	16.83	284	142006	23.284	ng	97
68) Atrazine	16.97	200	129733	25.867	ng	97
69) Pentachlorophenol	17.17	266	180643	51.560	ng	98
70) Phenanthrene	17.57	178	617736	25.484	ng	99
71) Anthracene	17.66	178	633563	26.029	ng	100
72) Carbazole	17.92	167	587907	25.144	ng	99
73) Di-n-butylphthalate	18.47	149	676579	25.159	ng	99
74) Fluoranthene	19.57	202	749975	26.452	ng	97
76) Benzidine	19.74	184	242909	16.347	ng	97
77) Pyrene	19.92	202	773551	25.911	ng	98
79) Butylbenzylphthalate	20.79	149	314450	24.723	ng	89
80) Benzo(a)anthracene	21.78	228	746079	25.821	ng	100
81) 3,3'-Dichlorobenzidine	21.68	252	163663	13.723	ng	97
82) Chrysene	21.85	228	695281	25.126	ng	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	443969	24.322	ng	98
84) Di-n-octyl phthalate	22.91	149	765500	24.063	ng	96
85) Indeno(1,2,3-cd)pyrene	28.89	276	788012	23.147	ng	# 92
87) Benzo(b)fluoranthene	24.05	252	748868	25.900	ng	99
88) Benzo(k)fluoranthene	24.12	252	737949	25.618	ng	99
89) Benzo(a)pyrene	24.95	252	713851	25.681	ng	98
90) Dibenzo(a,h)anthracene	28.95	278	662870	23.555	ng	# 96
91) Benzo(g,h,i)perylene	30.07	276	559727	21.407	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.00 min

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BNA_G

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PB103373BSD

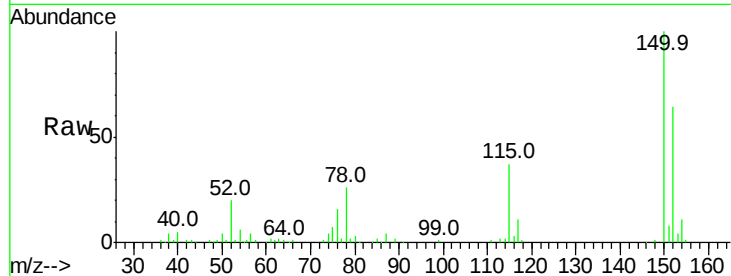
Tot Ion:152 Resp: 60522

Ion Ratio Lower Upper

152 100

150 157.4 126.6 189.8

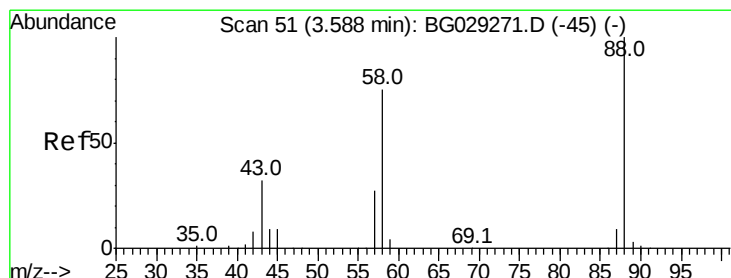
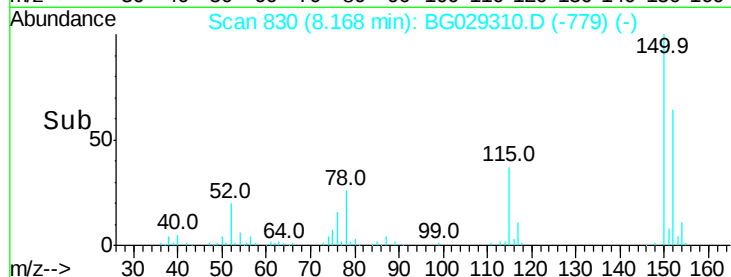
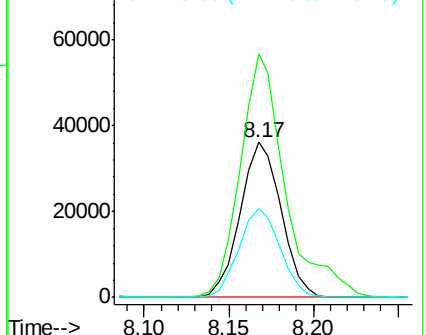
115 57.5 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 22.246 ng

RT: 3.58 min Scan# 49

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

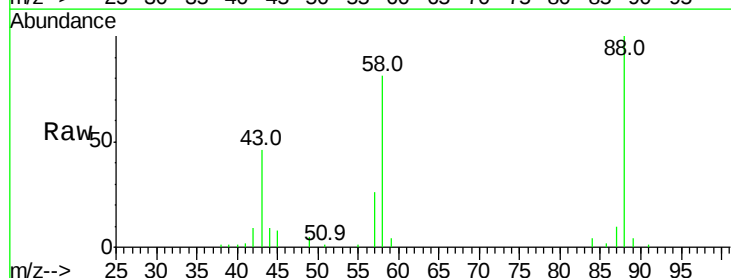
Tgt Ion: 88 Resp: 32700

Ion Ratio Lower Upper

88 100

58 82.6 79.6 119.4

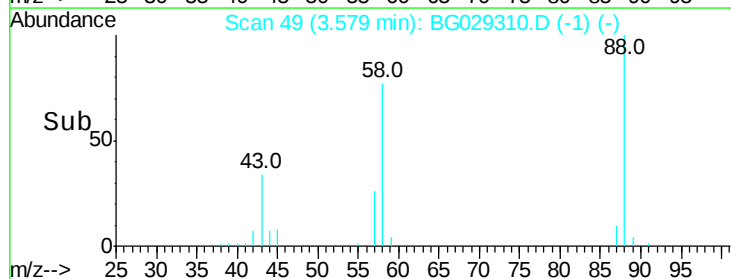
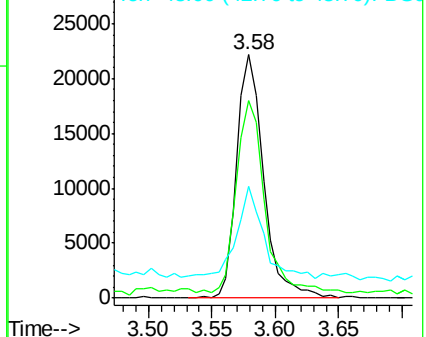
43 38.1 27.4 41.0

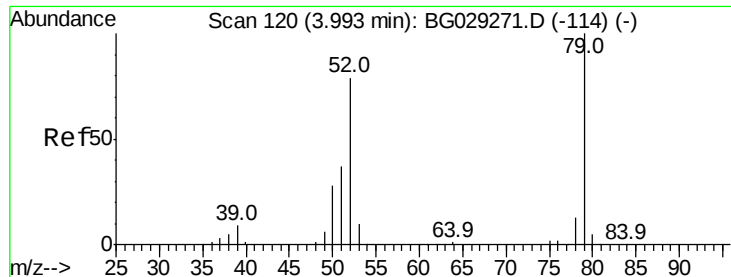


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 22.221 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

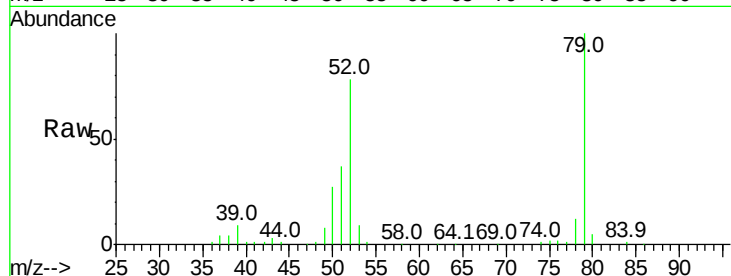
Tot Ion: 79 Resp: 95118

Ion Ratio Lower Upper

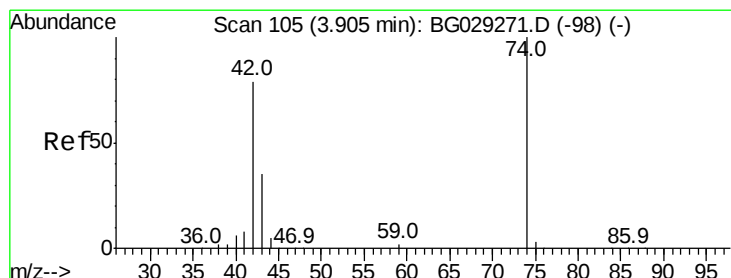
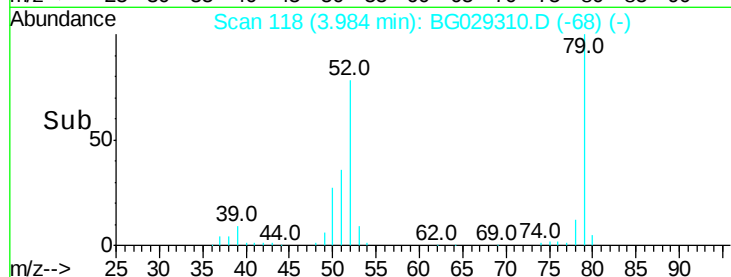
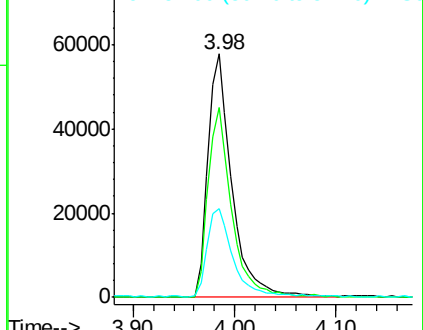
79 100

52 78.1 69.9 104.9

51 36.6 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 23.282 ng

RT: 3.90 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

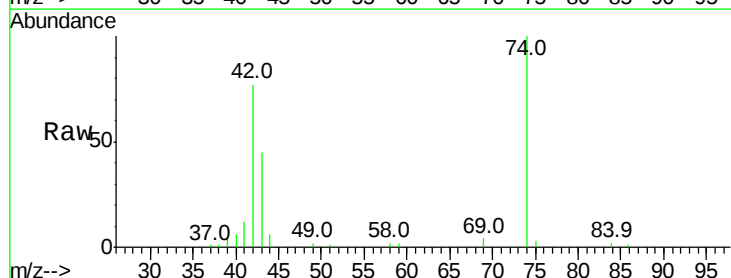
Tgt Ion: 42 Resp: 46586

Ion Ratio Lower Upper

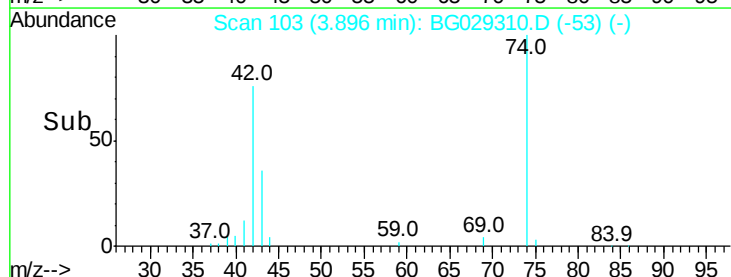
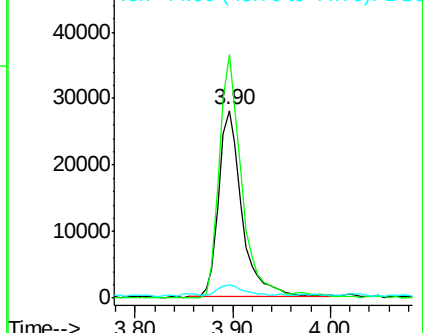
42 100

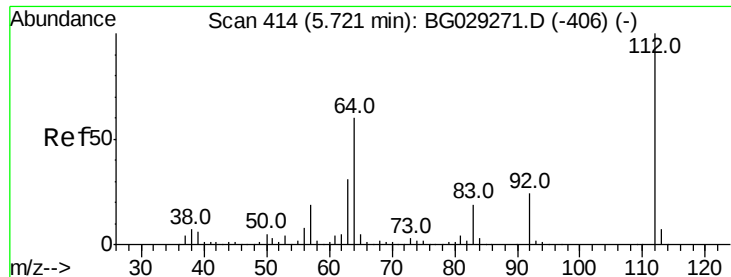
74 129.8 102.5 153.7

44 7.4 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 62.754 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

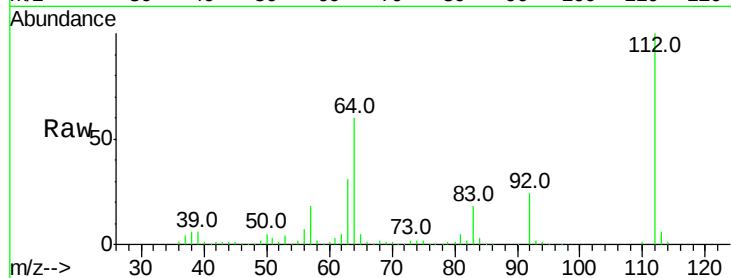
Tot Ion:112 Resp: 227349

Ion Ratio Lower Upper

112 100

64 60.1 56.3 84.5

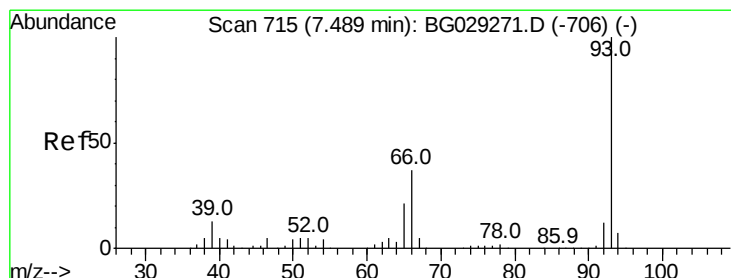
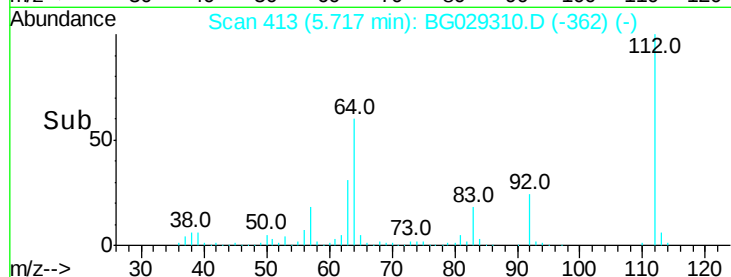
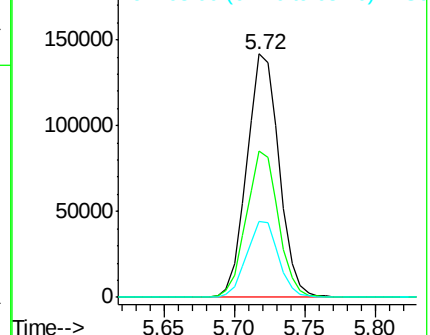
63 31.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 5.902 ng

RT: 7.49 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

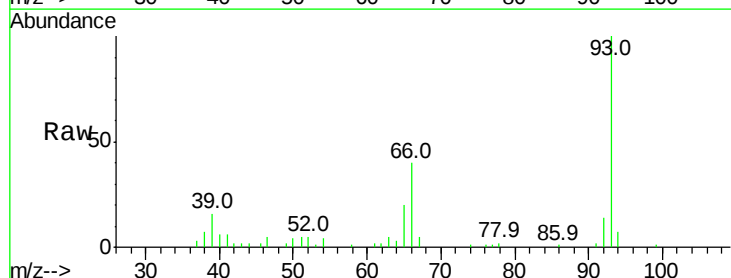
Tgt Ion: 93 Resp: 37164

Ion Ratio Lower Upper

93 100

66 39.6 33.7 50.5

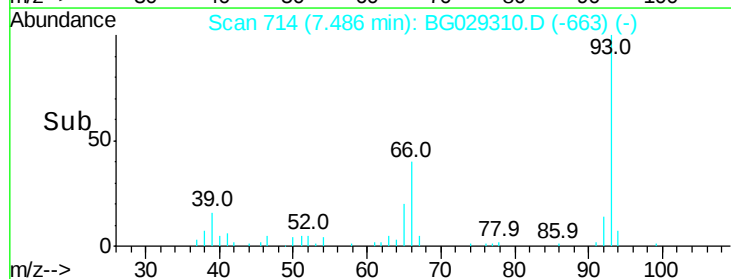
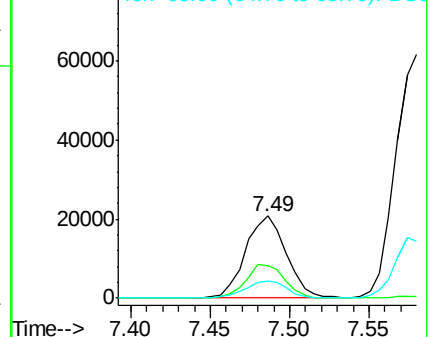
65 20.3 16.1 24.1

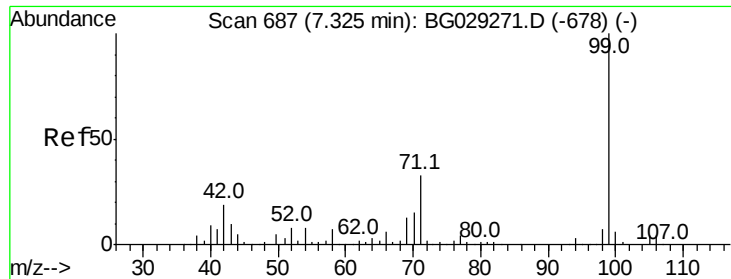


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 60.916 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029310.D

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ClientSampleId :

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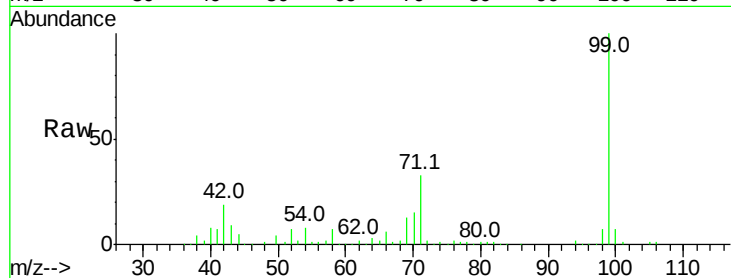
Tot Ion: 99 Resp: 309773

Ion Ratio Lower Upper

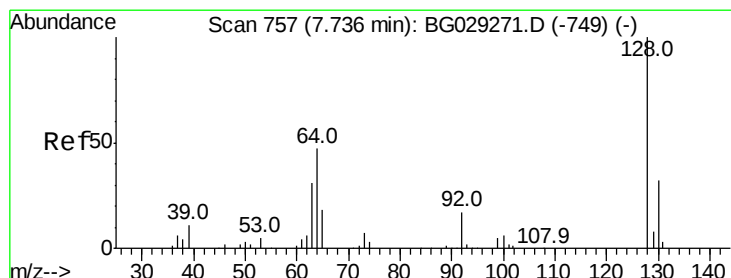
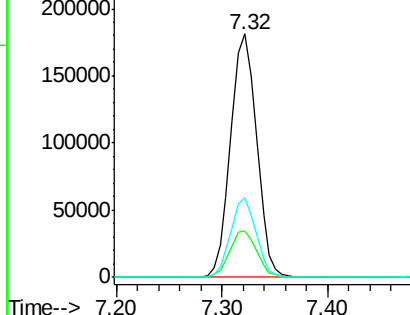
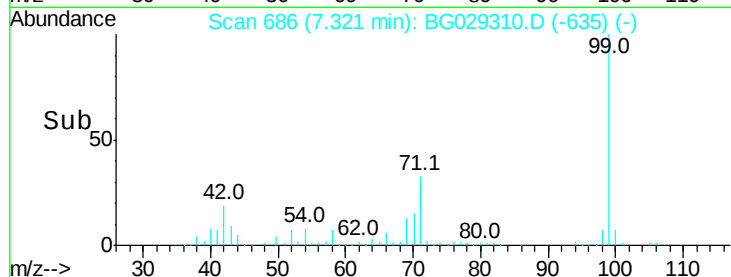
99 100

42 19.0 14.1 21.1

71 32.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 26.206 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

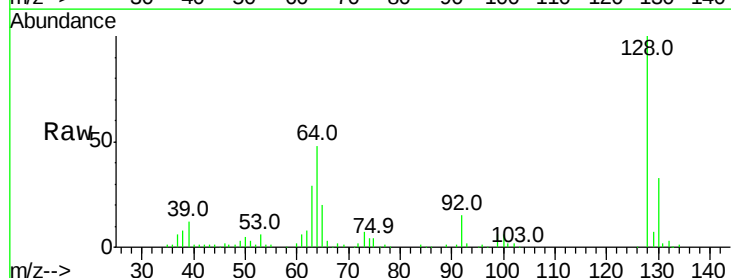
Tgt Ion: 128 Resp: 108824

Ion Ratio Lower Upper

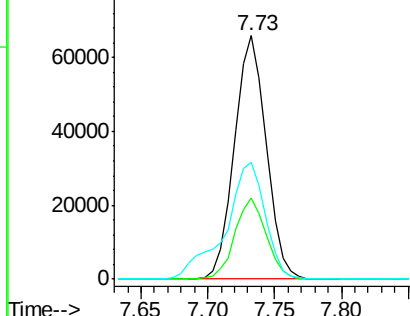
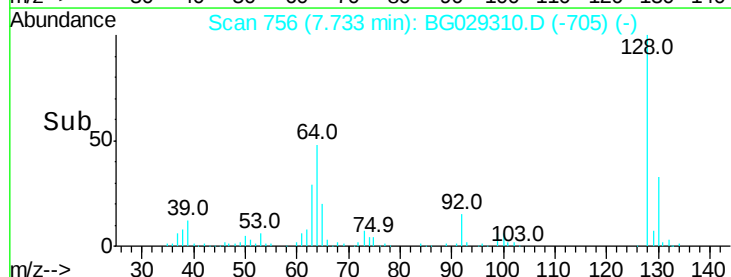
128 100

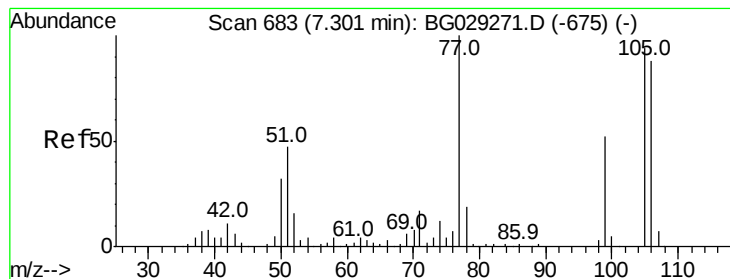
130 33.1 14.0 54.0

64 48.0 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 12.297 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

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BNA_G

ClientSampleId :

PB103373BSD

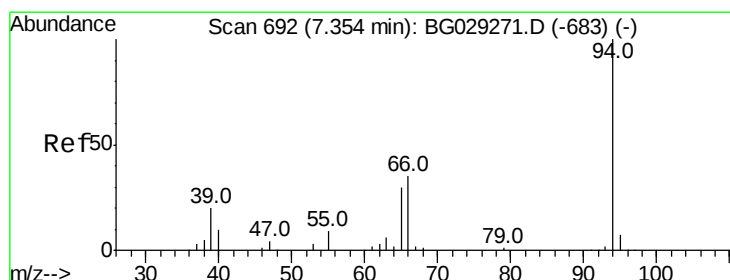
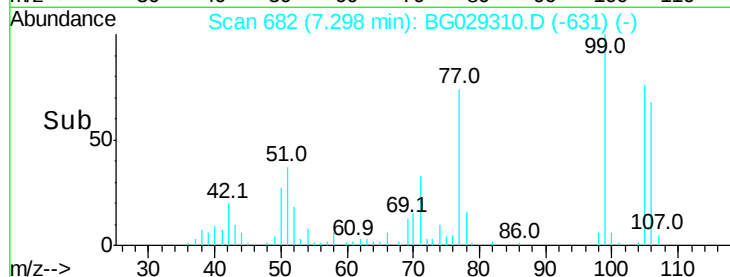
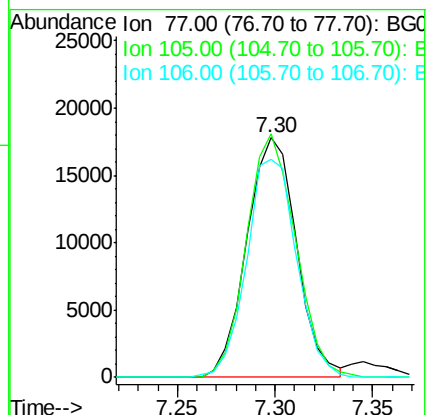
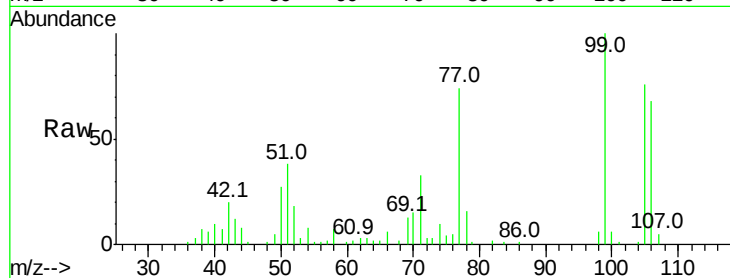
Tot Ion: 77 Resp: 31453

Ion Ratio Lower Upper

77 100

105 101.7 71.3 111.3

106 91.3 64.2 104.2



#10

Phenol

Concen: 26.527 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

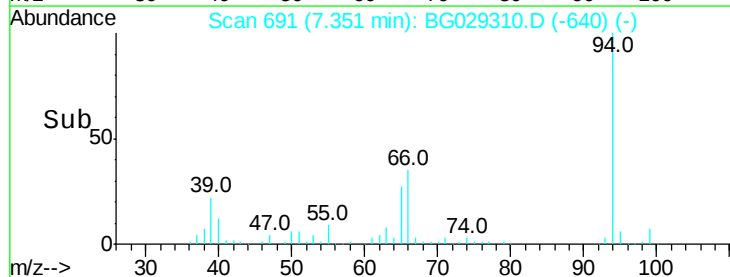
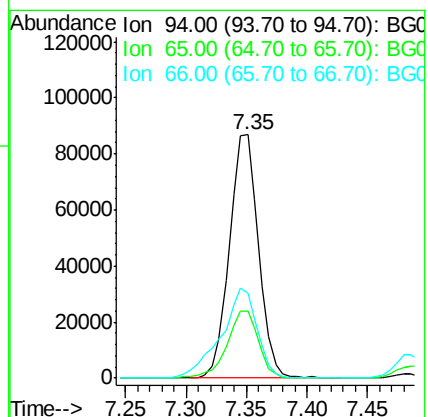
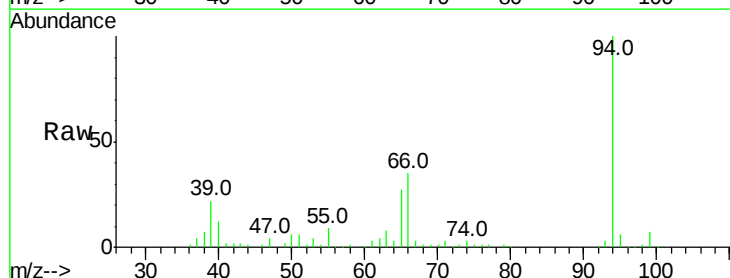
Tgt Ion: 94 Resp: 145432

Ion Ratio Lower Upper

94 100

65 27.4 11.9 51.9

66 34.8 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 24.454 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

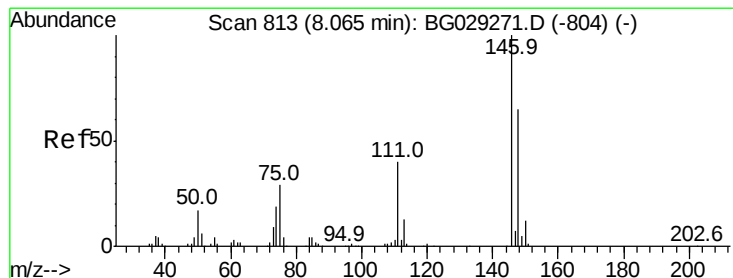
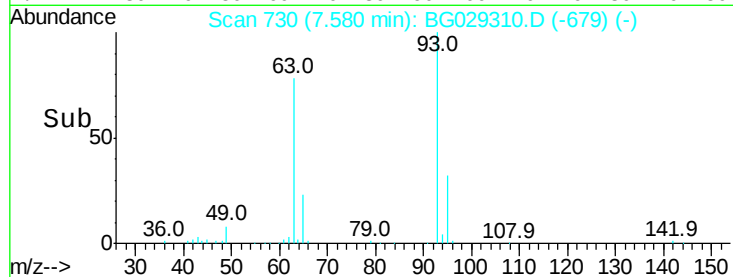
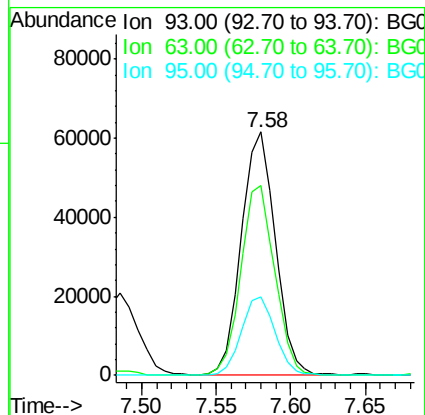
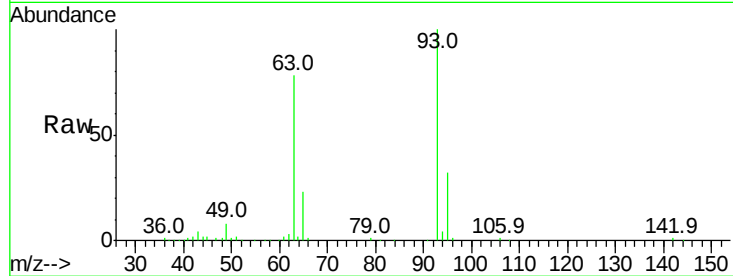
Tot Ion: 93 Resp: 97677

Ion Ratio Lower Upper

93 100

63 77.9 67.1 107.1

95 32.3 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 24.045 ng

RT: 8.06 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

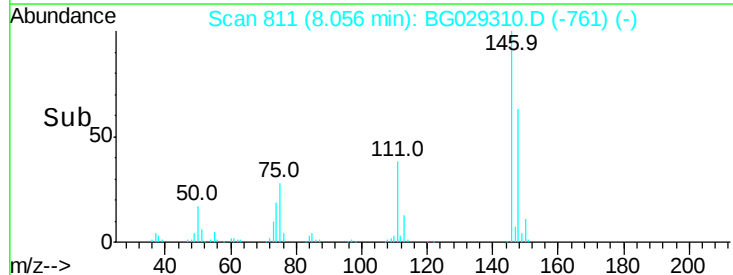
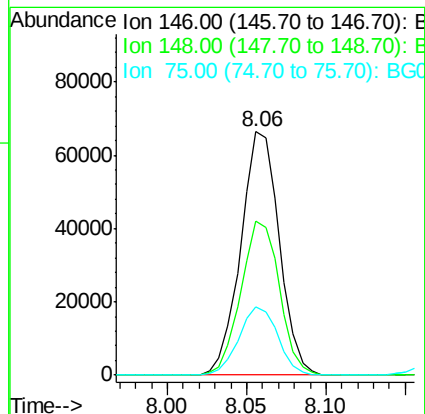
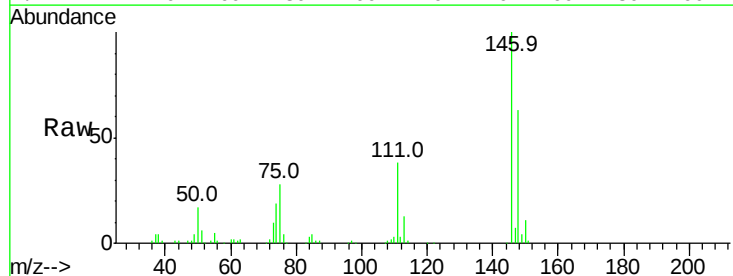
Tgt Ion: 146 Resp: 112103

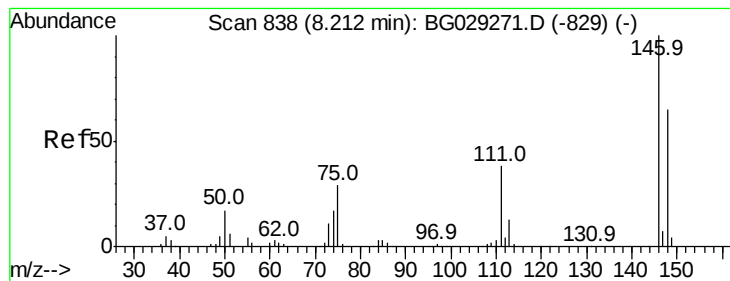
Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.2

75 28.2 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 23.732 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

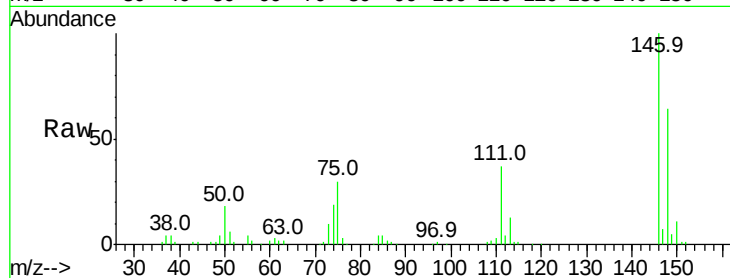
Tot Ion:146 Resp: 112963

Ion Ratio Lower Upper

146 100

148 64.0 53.7 80.5

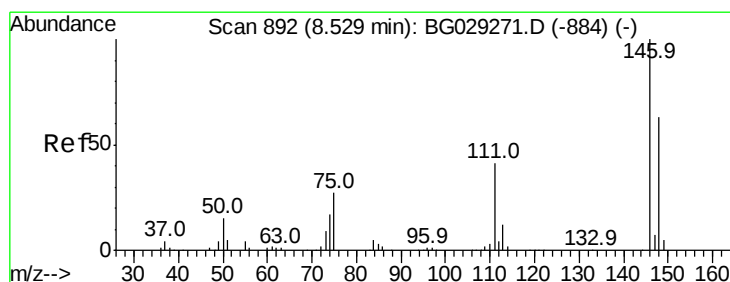
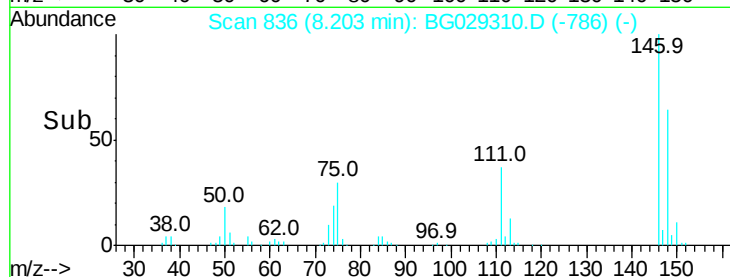
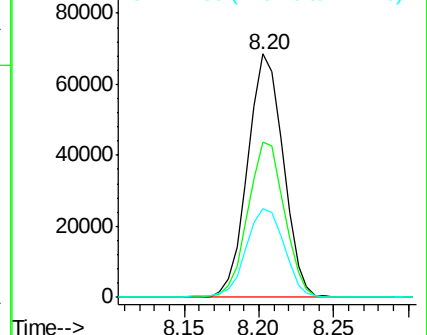
111 36.5 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 23.466 ng

RT: 8.53 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

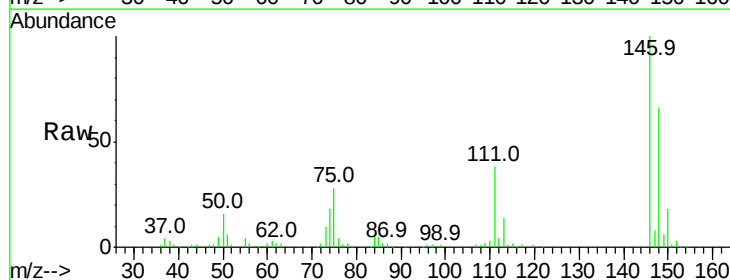
Tgt Ion:146 Resp: 107739

Ion Ratio Lower Upper

146 100

148 66.0 49.3 73.9

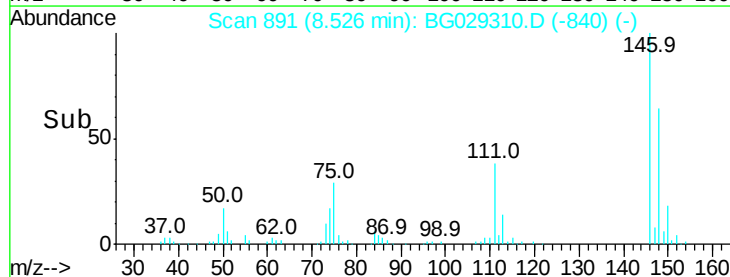
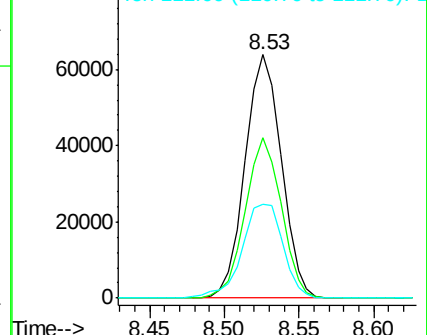
111 38.5 34.3 51.5

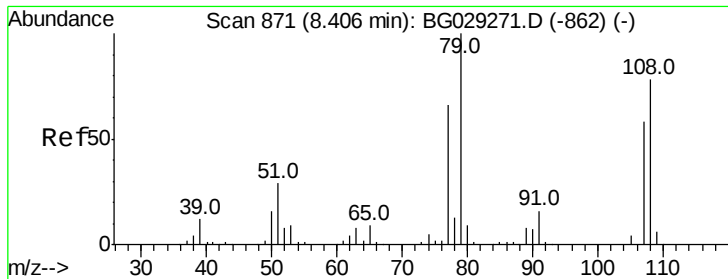


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.848 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

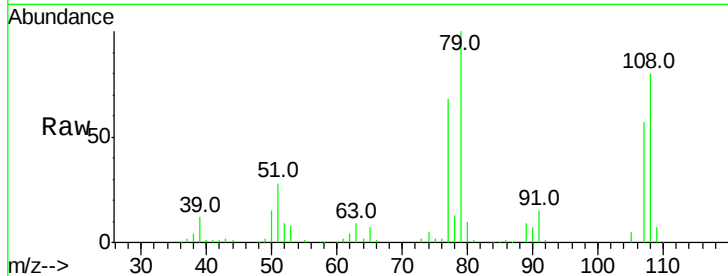
Tot Ion: 79 Resp: 96215

Ion Ratio Lower Upper

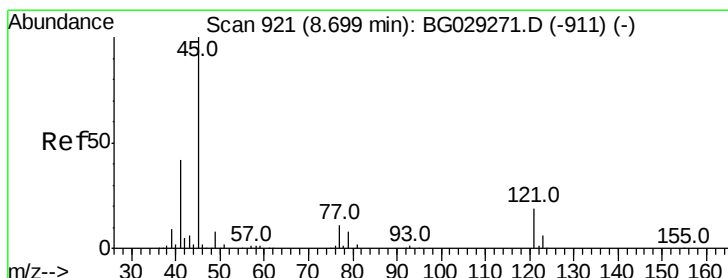
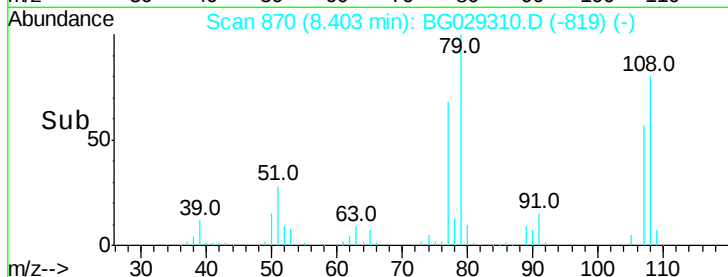
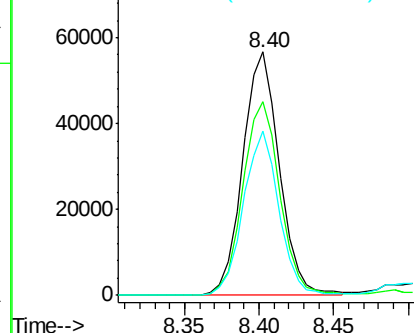
79 100

108 79.5 57.2 85.8

77 67.7 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.941 ng

RT: 8.70 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

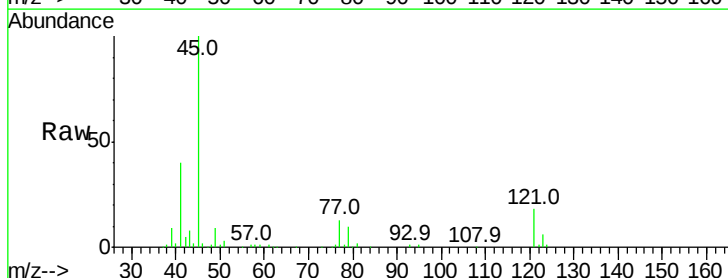
Tgt Ion: 45 Resp: 162405

Ion Ratio Lower Upper

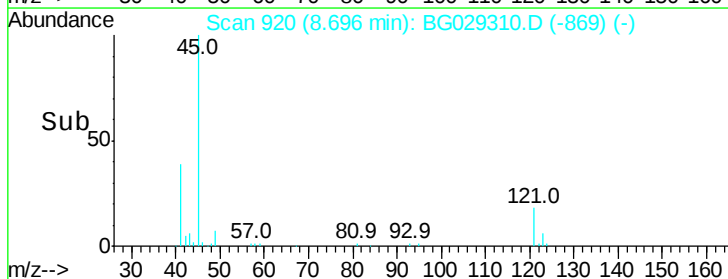
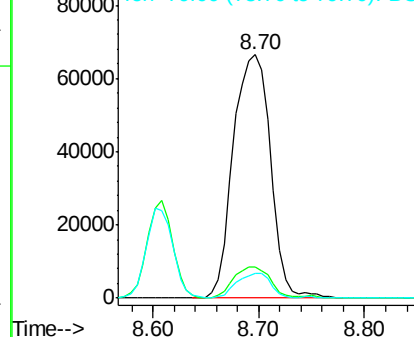
45 100

77 12.9 0.0 30.2

79 10.4 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 26.658 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

Tot Ion:107 Resp: 97086

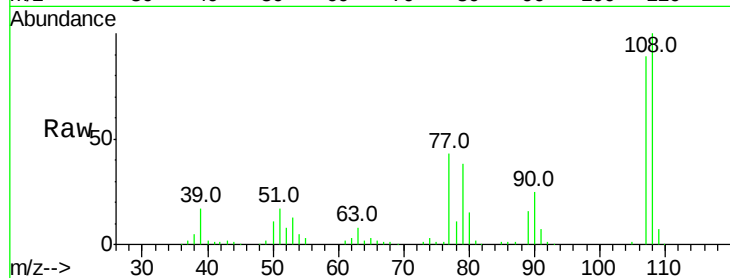
Ion Ratio Lower Upper

107 100

108 112.5 83.9 125.9

77 48.0 37.2 55.8

79 43.0 36.2 54.2



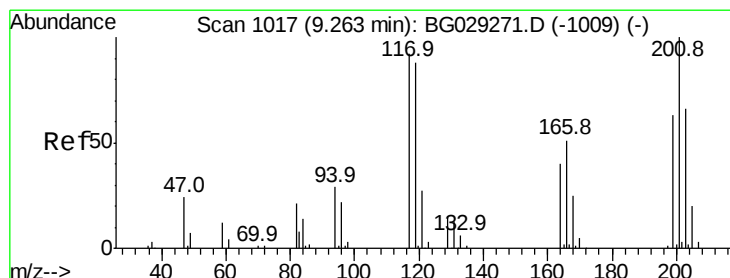
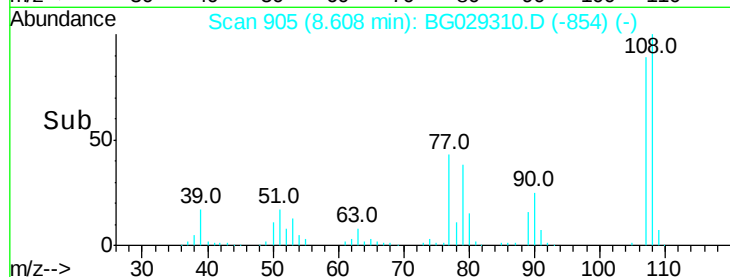
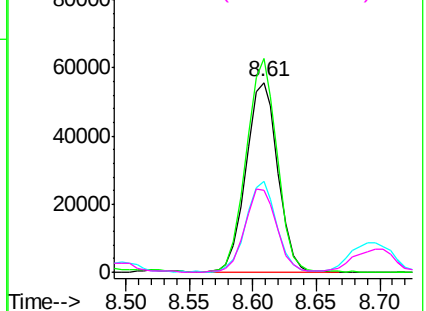
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 23.944 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

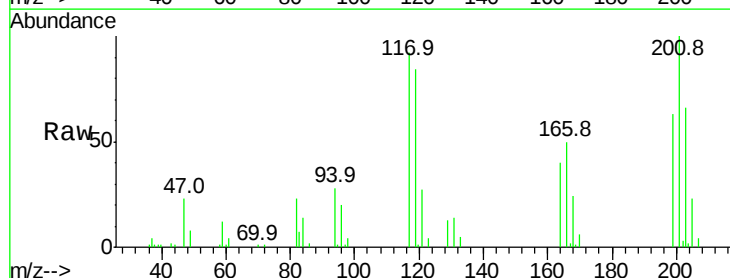
Tgt Ion:117 Resp: 38841

Ion Ratio Lower Upper

117 100

119 91.4 76.7 115.1

201 109.2 95.7 143.5

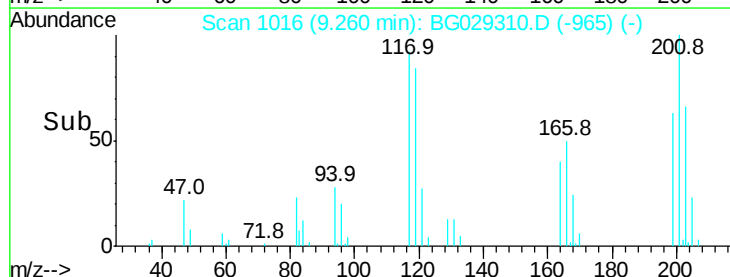
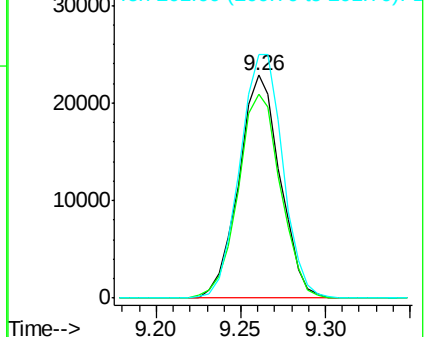


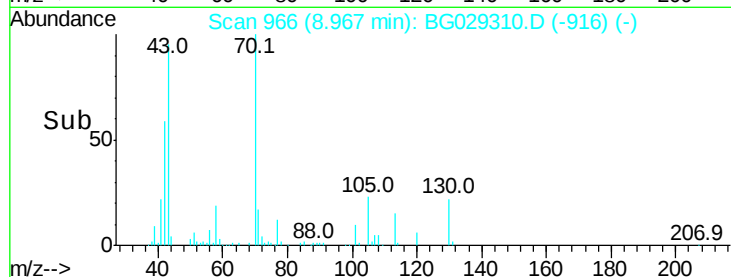
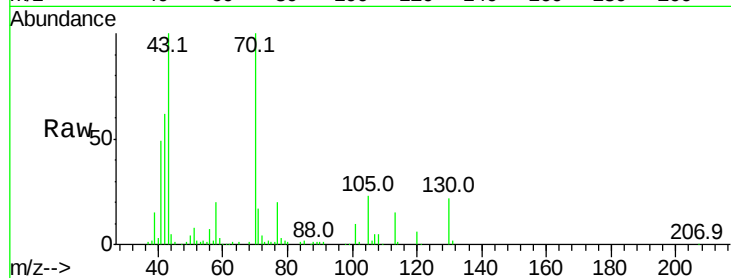
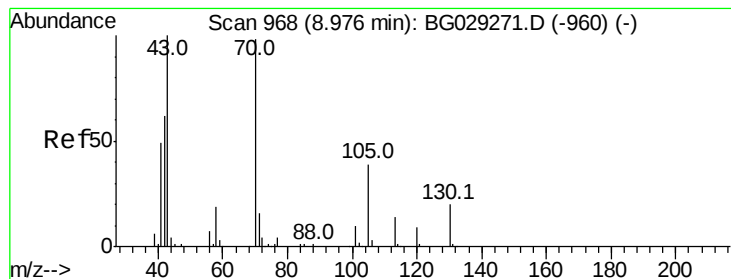
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 24.021 ng

RT: 8.97 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

Tot Ion: 70 Resp: 83059

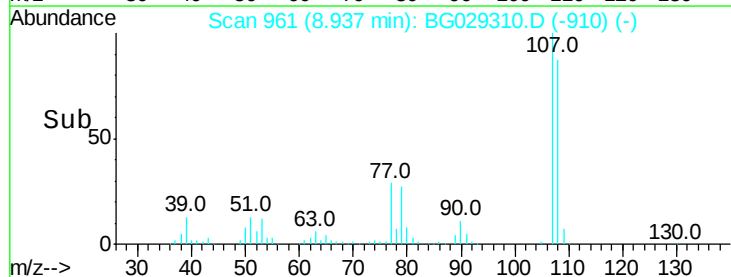
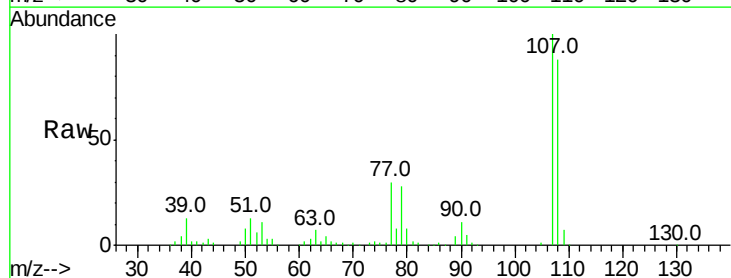
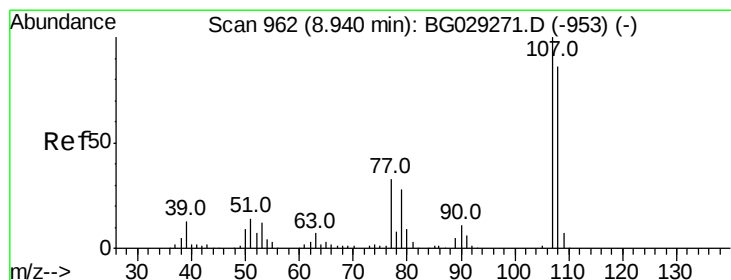
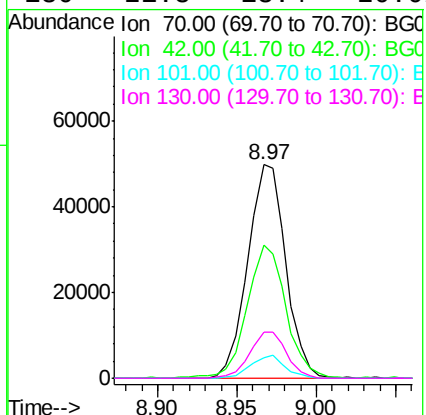
Ion Ratio Lower Upper

70 100

42 62.5 49.1 73.7

101 9.7 8.5 12.7

130 21.8 13.4 20.0#



#20

3+4-Methylphenols

Concen: 26.636 ng

RT: 8.94 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Tgt Ion: 107 Resp: 136686

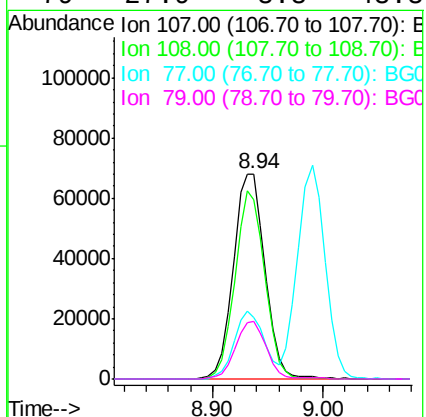
Ion Ratio Lower Upper

107 100

108 87.5 61.6 101.6

77 29.8 13.9 53.9

79 27.9 8.8 48.8

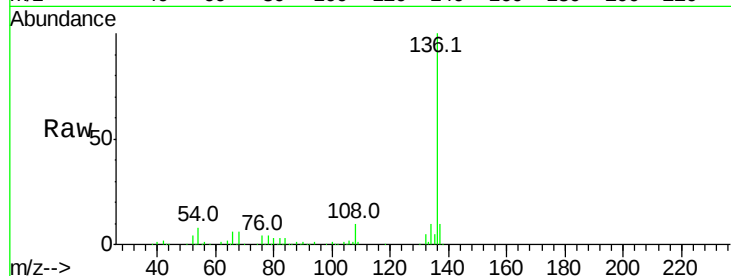




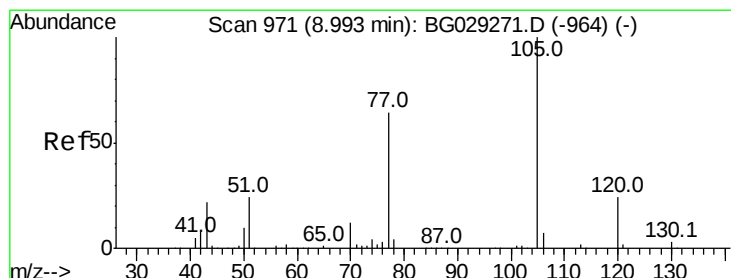
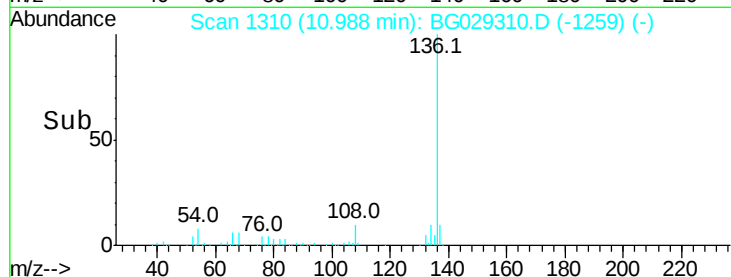
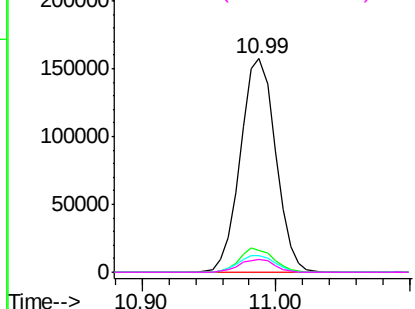
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion:136	Resp: 286957
Ion Ratio	Lower Upper
136 100	
137 10.5	9.2 13.8
54 7.8	10.3 15.5#
68 6.1	4.5 6.7

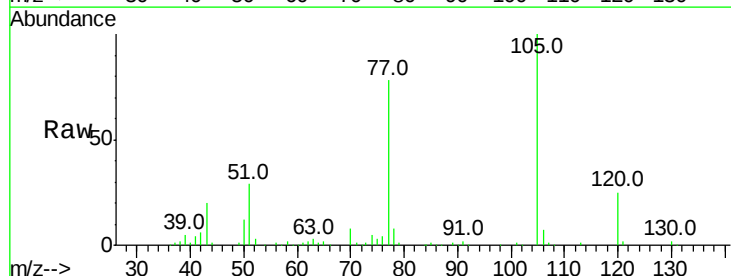


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

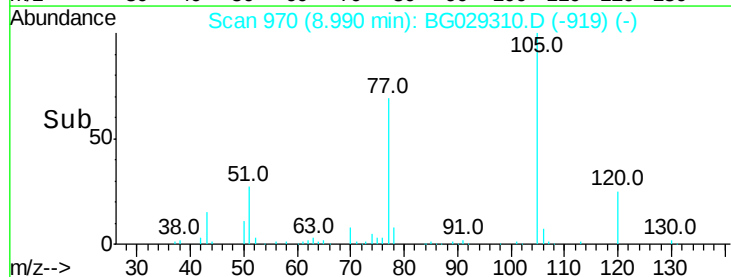
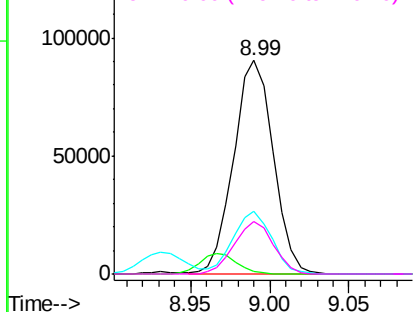


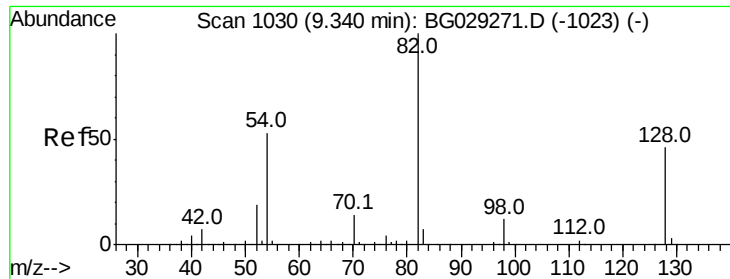
#22
Acetophenone
Concen: 22.536 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Tgt	Ion:105	Resp:	155848
Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.0	4.4#
51	29.4	26.1	39.1
120	24.7	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

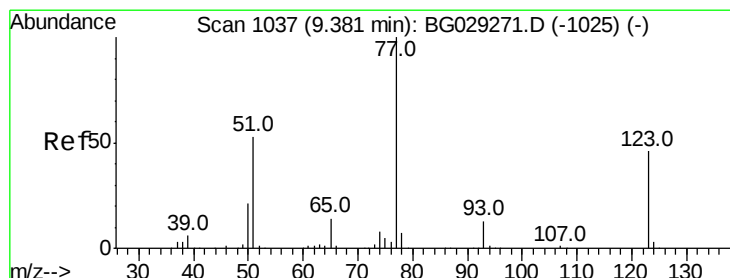
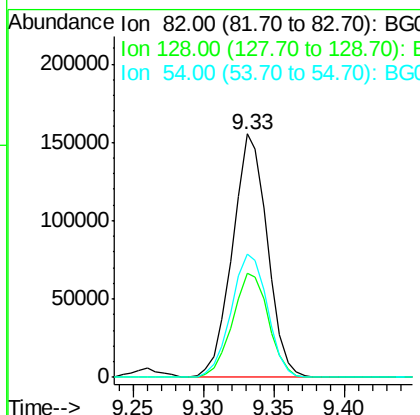
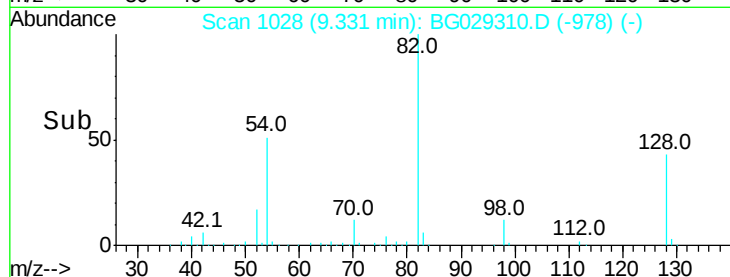
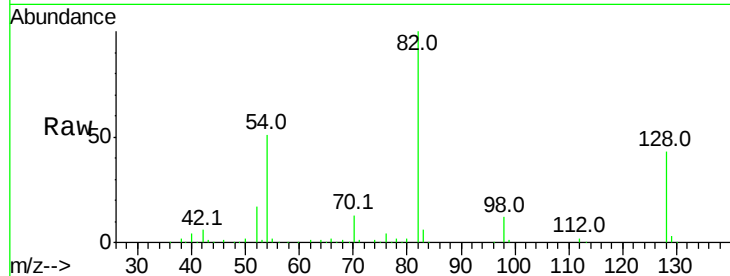




#23
Nitrobenzene-d5
Concen: 59.184 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

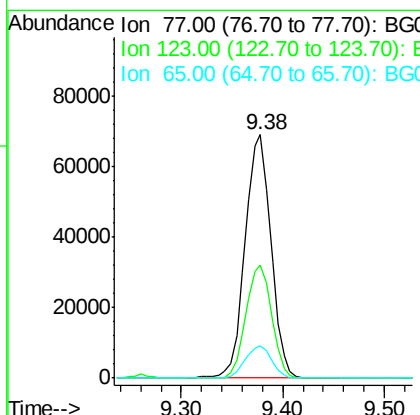
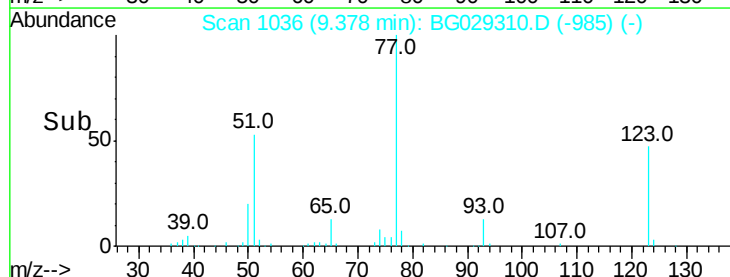
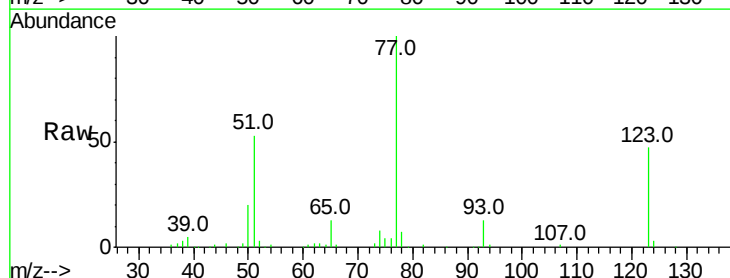
Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion: 82 Resp: 267252
Ion Ratio Lower Upper
82 100
128 43.0 29.7 44.5
54 50.8 43.1 64.7



#24
Nitrobenzene
Concen: 24.107 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Tgt Ion: 77 Resp: 122398
Ion Ratio Lower Upper
77 100
123 46.5 33.0 49.6
65 13.1 13.0 19.6





#25

Isophorone

Concen: 24.135 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

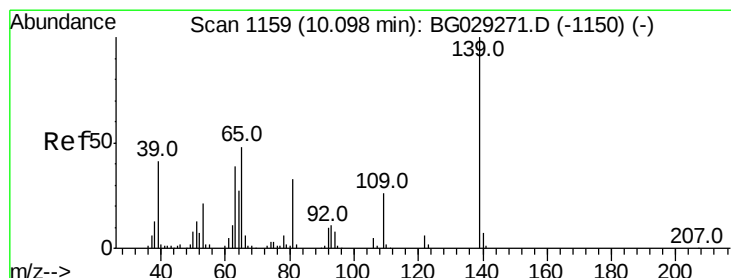
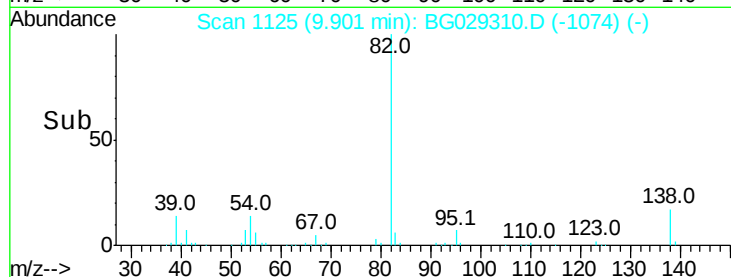
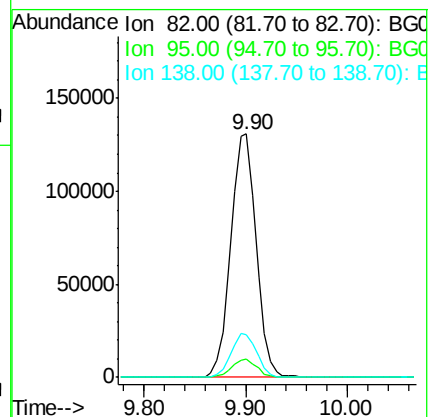
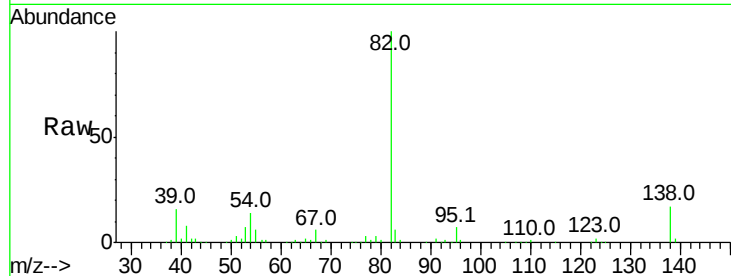
Tot Ion: 82 Resp: 227519

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 17.4 12.1 18.1



#26

2-Nitrophenol

Concen: 25.359 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

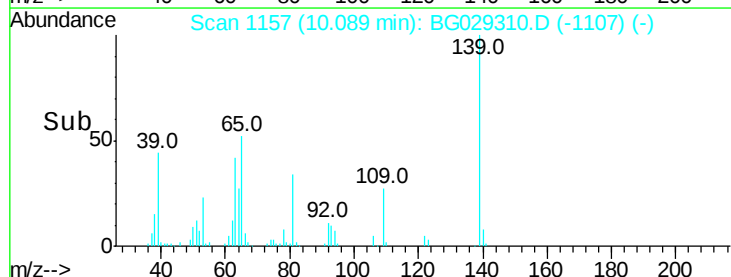
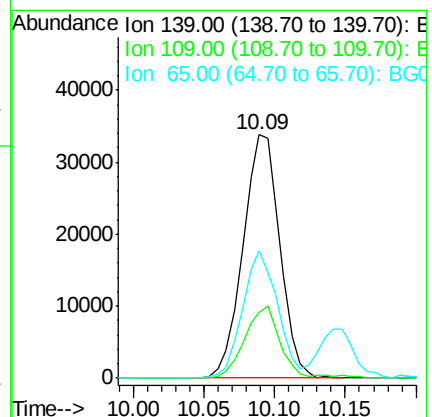
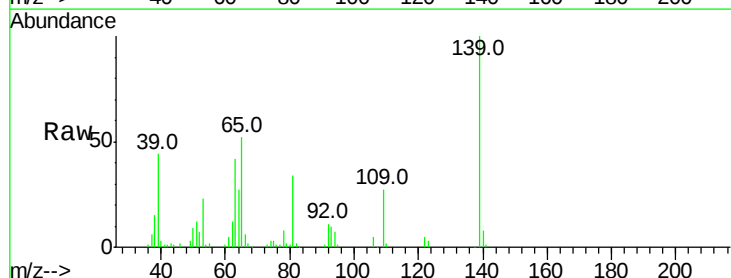
Tgt Ion: 139 Resp: 61537

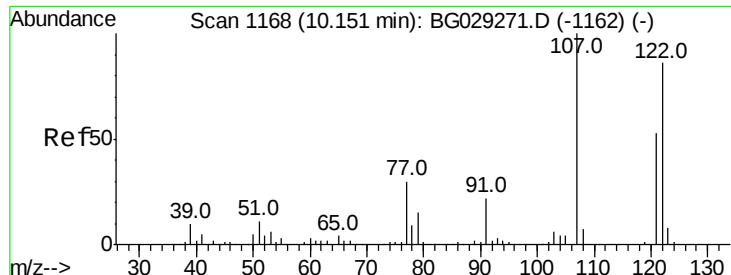
Ion Ratio Lower Upper

139 100

109 26.8 24.2 36.2

65 52.3 47.4 71.0

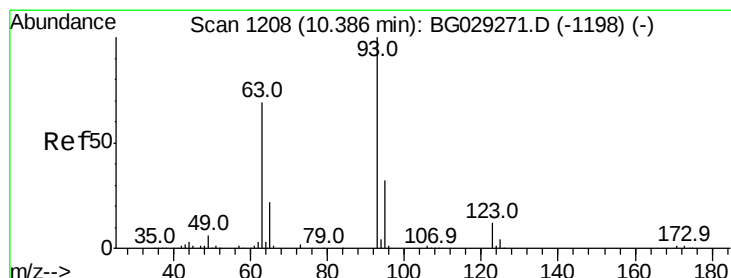
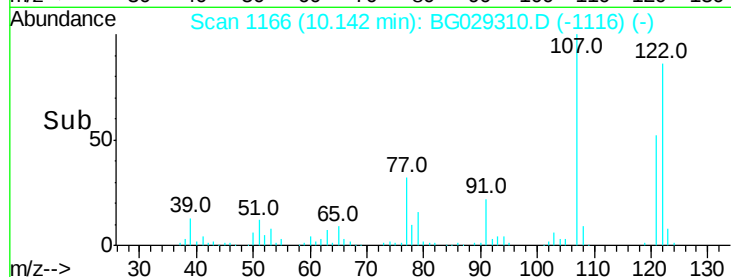
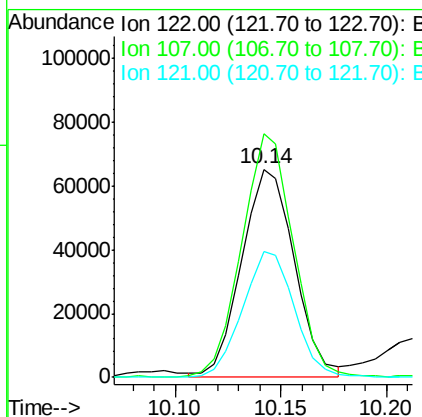
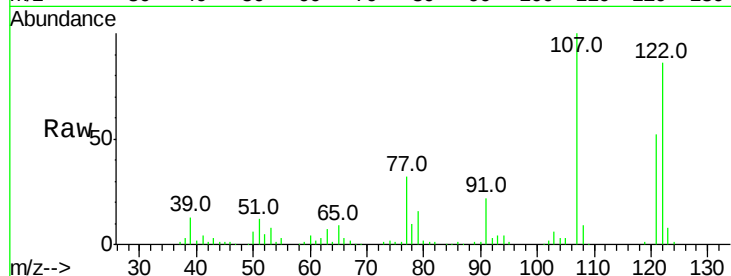




#27
 2,4-Dimethylphenol
 Concen: 25.618 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

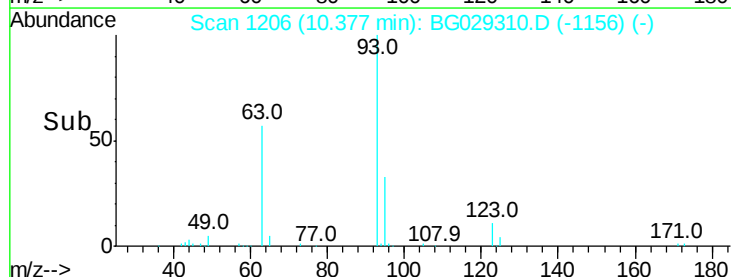
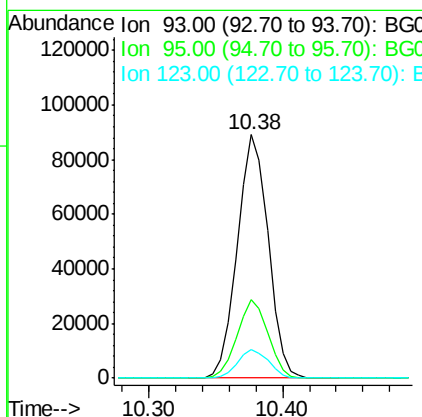
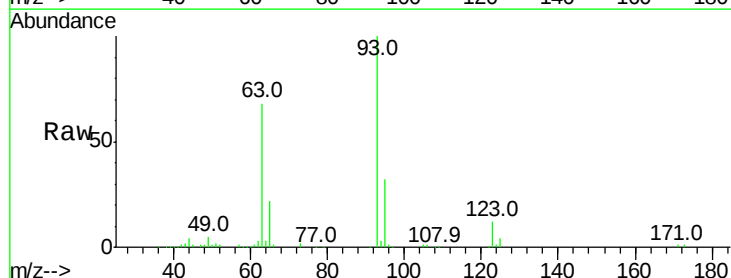
Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion:122 Resp: 112473
 Ion Ratio Lower Upper
 122 100
 107 116.9 100.2 150.2
 121 60.5 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 24.659 ng
 RT: 10.38 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion: 93 Resp: 142542
 Ion Ratio Lower Upper
 93 100
 95 32.2 24.3 36.5
 123 11.6 8.4 12.6

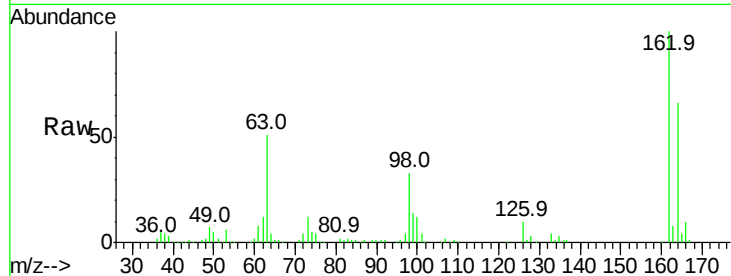




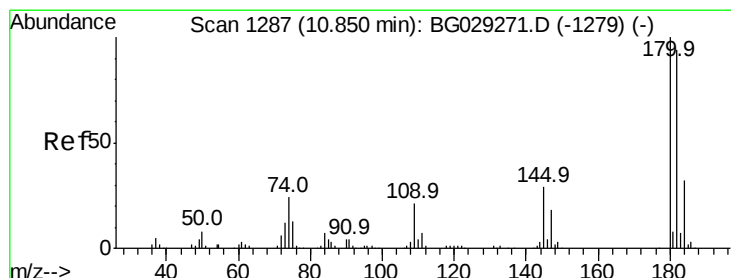
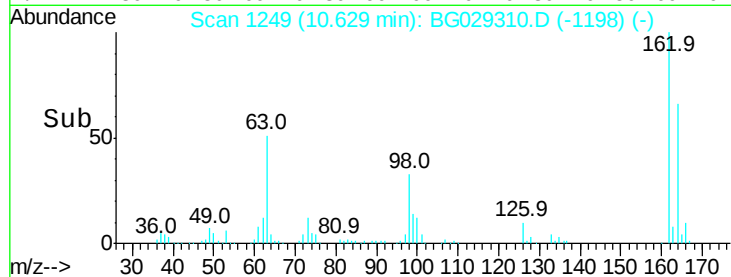
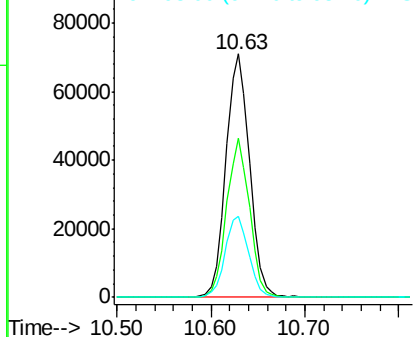
#29
 2,4-Dichlorophenol
 Concen: 26.485 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion:162 Resp: 123997
 Ion Ratio Lower Upper
 162 100
 164 65.6 48.0 88.0
 98 33.4 21.1 61.1

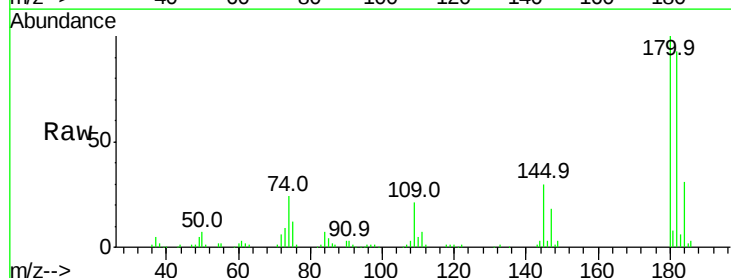


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

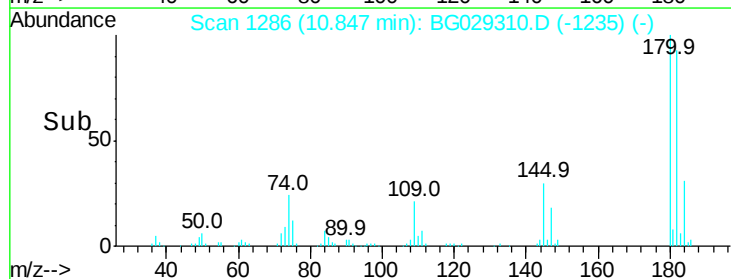
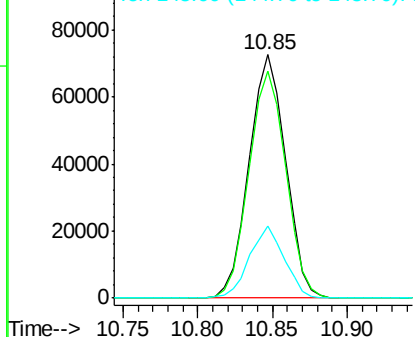


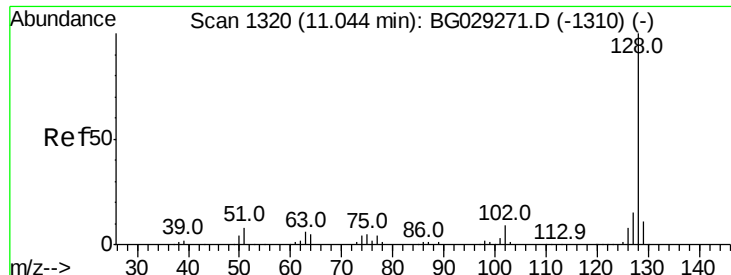
#30
 1,2,4-Trichlorobenzene
 Concen: 24.276 ng
 RT: 10.85 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion:180 Resp: 122788
 Ion Ratio Lower Upper
 180 100
 182 93.2 77.5 116.3
 145 29.7 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

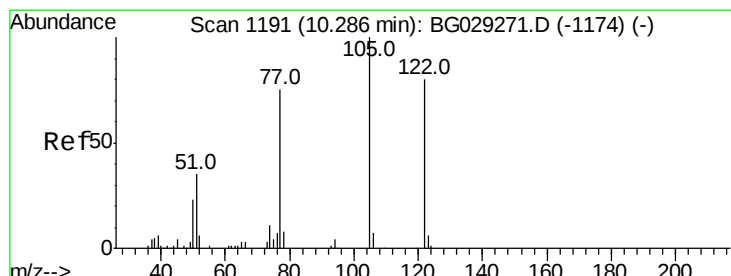
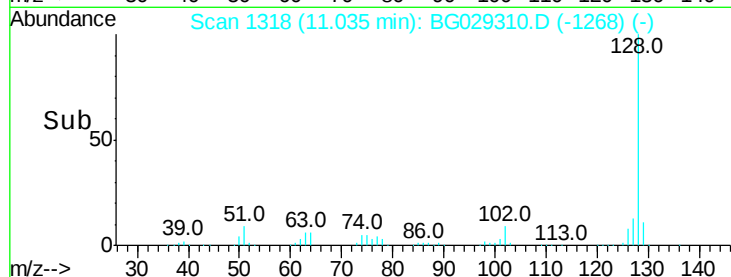
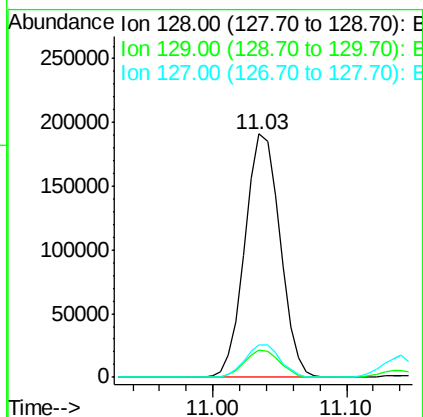
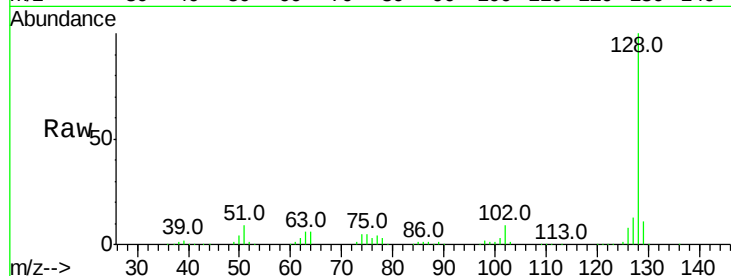




#31
Naphthalene
Concen: 24.315 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

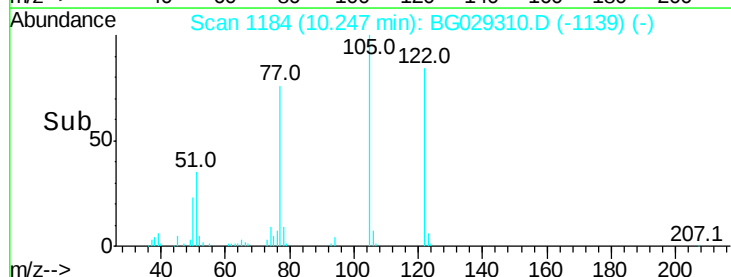
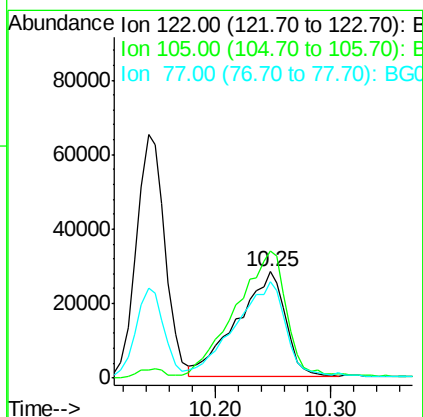
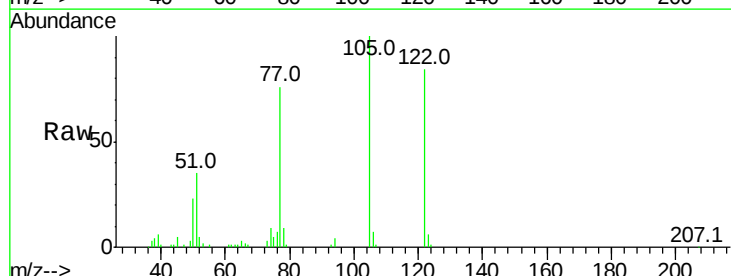
Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion:128 Resp: 347741
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.2 11.6 17.4



#32
Benzoic acid
Concen: 22.276 ng
RT: 10.25 min Scan# 1184
Delta R.T. -0.04 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Tgt Ion:122 Resp: 81890
Ion Ratio Lower Upper
122 100
105 119.3 123.5 163.5#
77 90.8 85.7 125.7

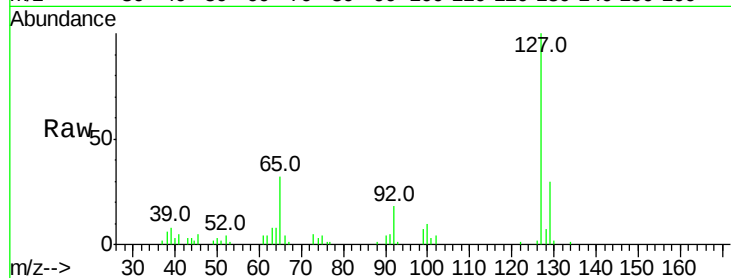




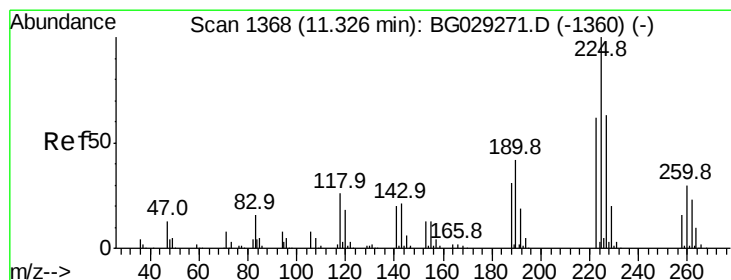
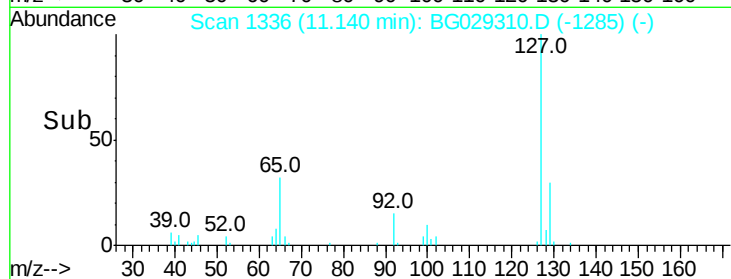
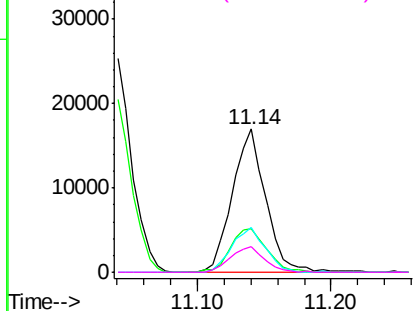
#33
4-Chloroaniline
Concen: 4.887 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion:	127	Resp:	29402
Ion	Ratio	Lower	Upper
127	100		
129	30.4	24.0	36.0
65	31.5	27.0	40.4
92	18.0	16.6	25.0

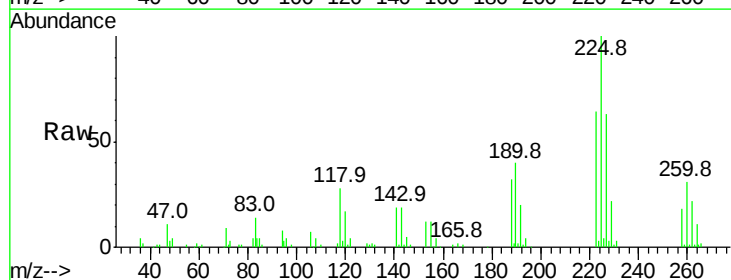


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

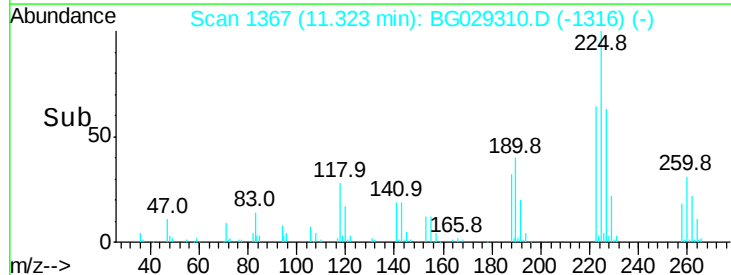
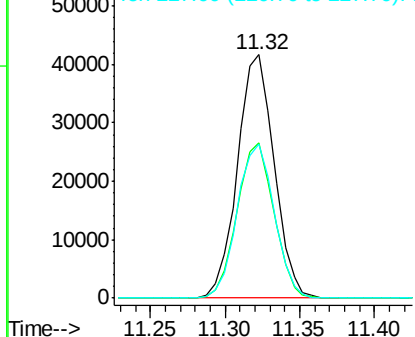


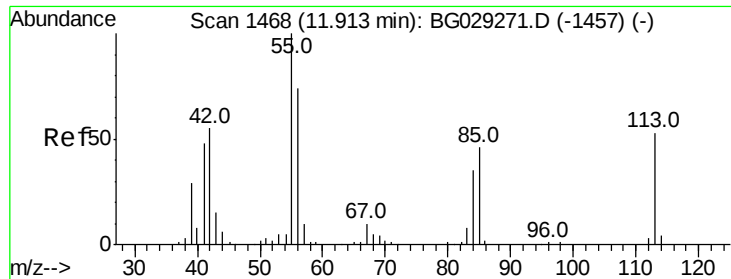
#34
Hexachlorobutadiene
Concen: 22.624 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Tgt Ion:	225	Resp:	71150
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.7	74.5
227	63.1	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.030 ng

RT: 11.89 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

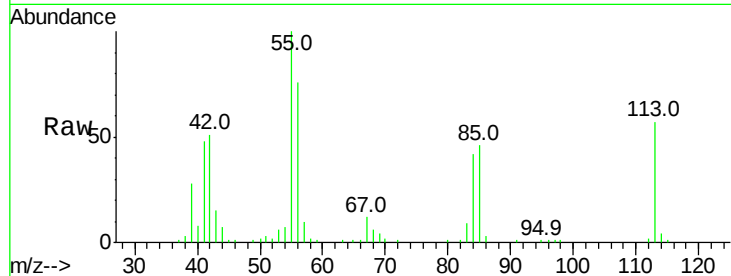
Tot Ion:113 Resp: 43614

Ion Ratio Lower Upper

113 100

55 175.8 186.9 226.9#

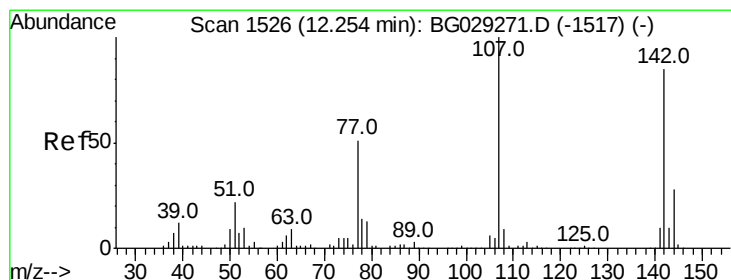
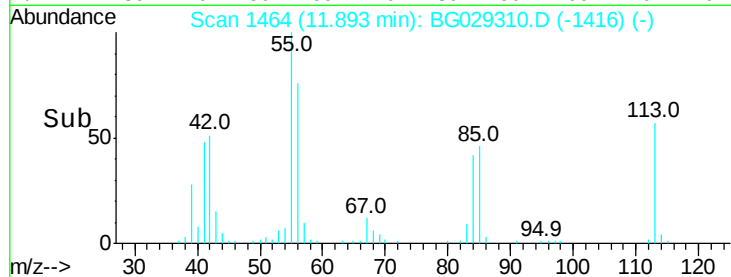
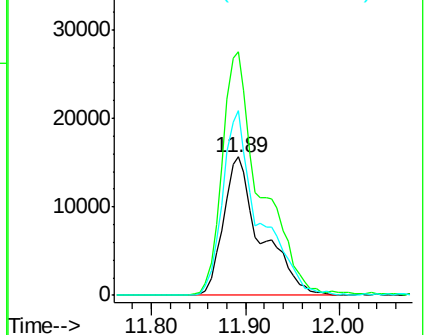
56 133.1 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 25.506 ng

RT: 12.25 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

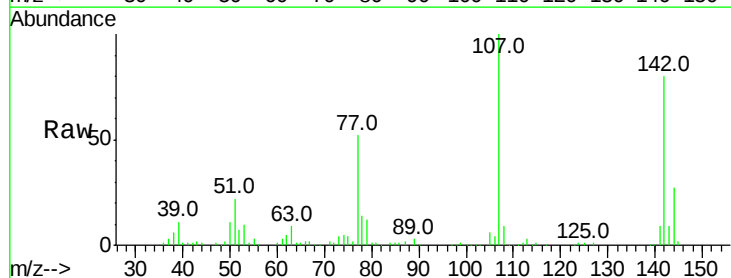
Tgt Ion:107 Resp: 131339

Ion Ratio Lower Upper

107 100

144 26.7 18.2 27.4

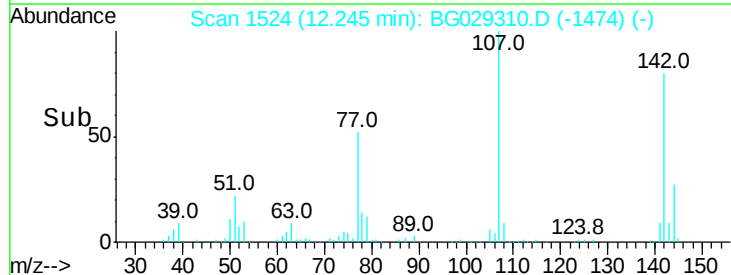
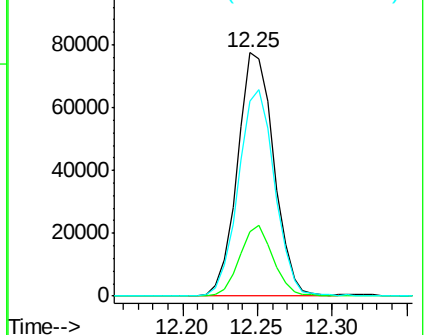
142 80.0 59.0 88.4

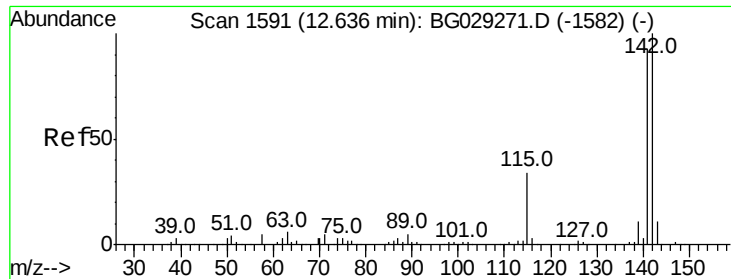


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

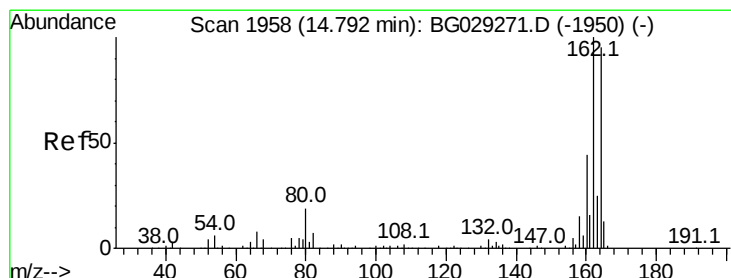
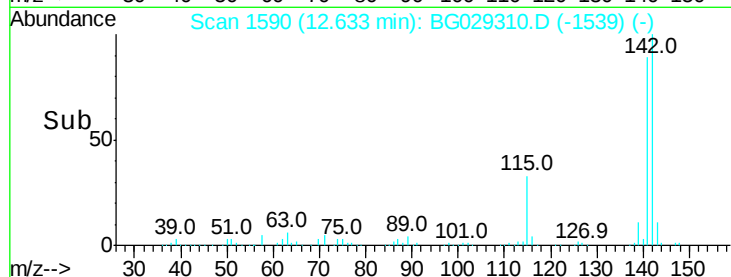
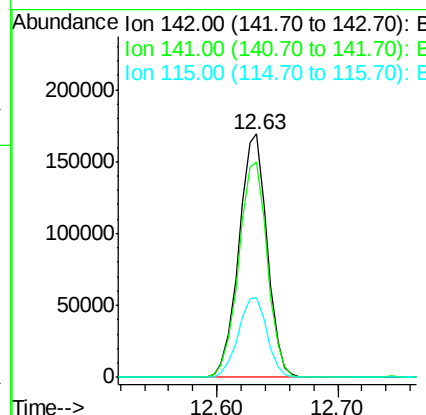
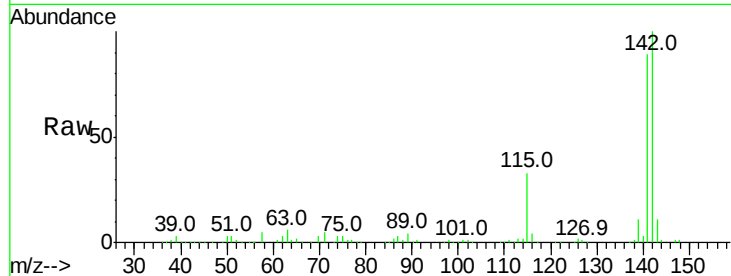




#37
2-Methylnaphthalene
Concen: 26.423 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

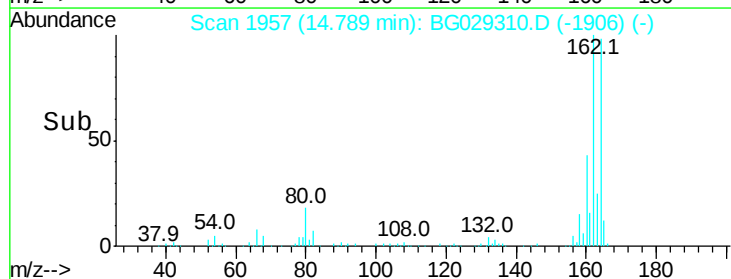
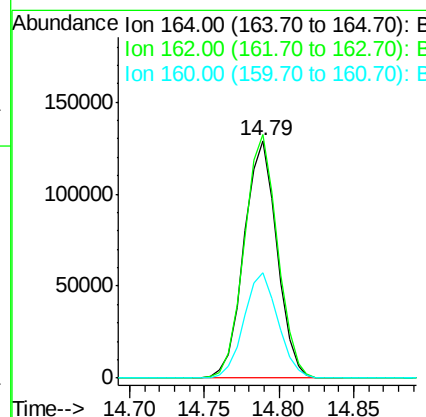
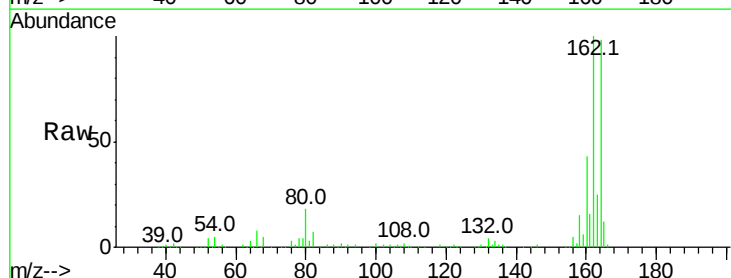
Instrument :
BNA_G
ClientSampleId :
PB103373BSD

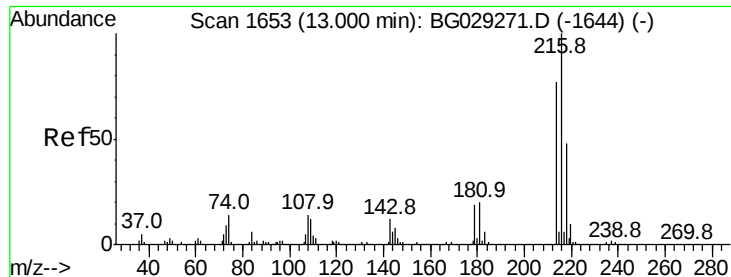
Tot Ion:142 Resp: 275408
Ion Ratio Lower Upper
142 100
141 88.7 67.1 100.7
115 33.0 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Tgt Ion:164 Resp: 196869
Ion Ratio Lower Upper
164 100
162 102.5 78.8 118.2
160 44.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.607 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

Tot Ion:216 Resp: 148116

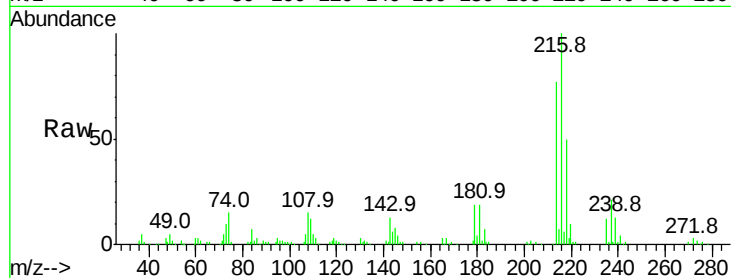
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 19.5 17.0 25.6

108 17.4 12.8 19.2

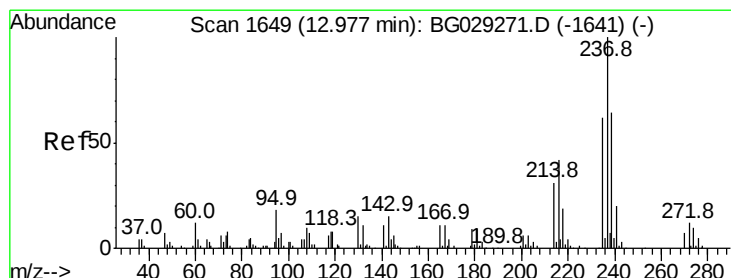
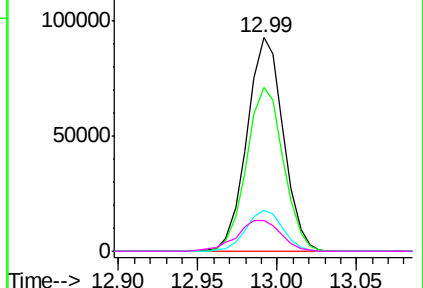
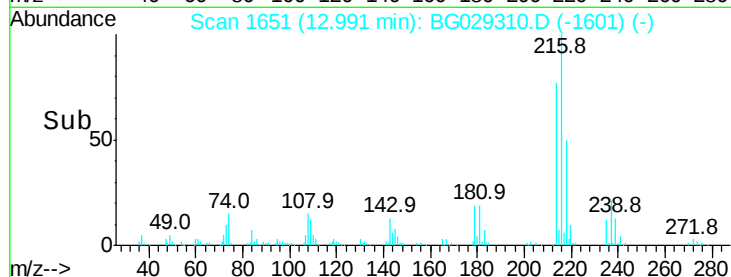


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.241 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

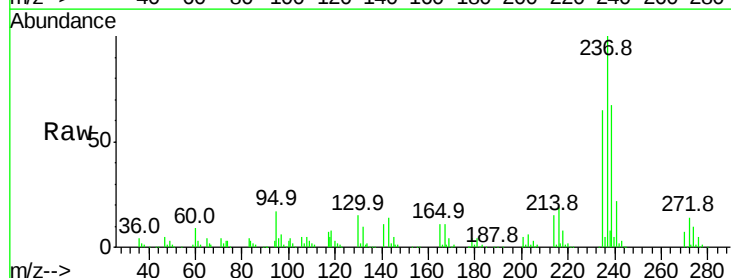
Tgt Ion:237 Resp: 160701

Ion Ratio Lower Upper

237 100

235 65.1 50.4 90.4

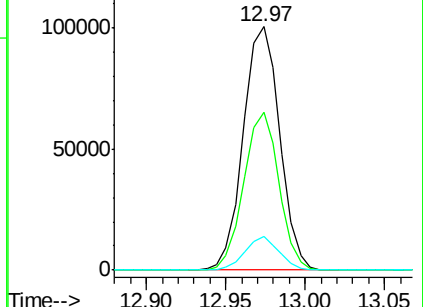
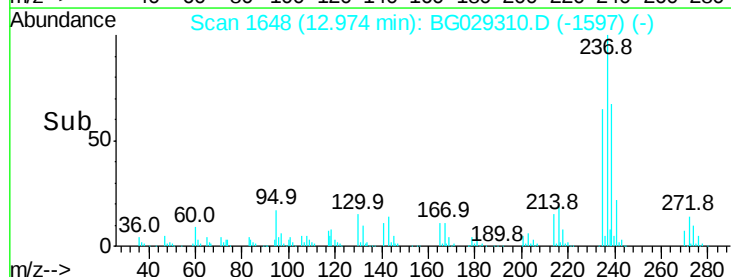
272 13.7 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

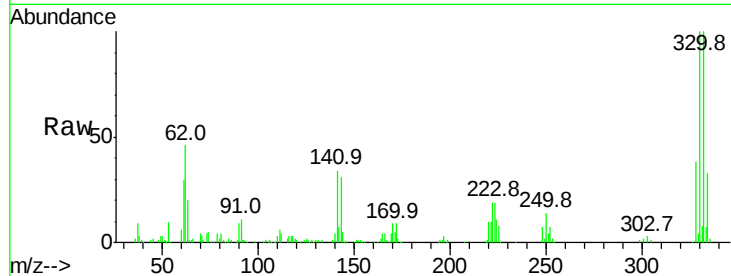




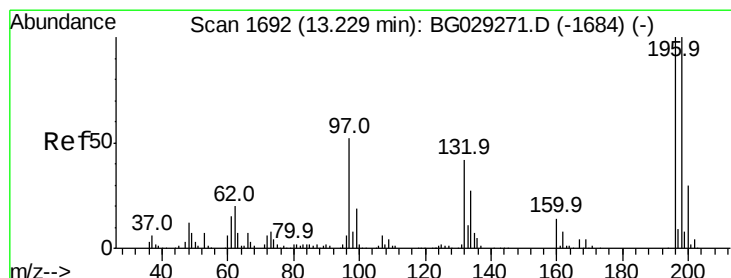
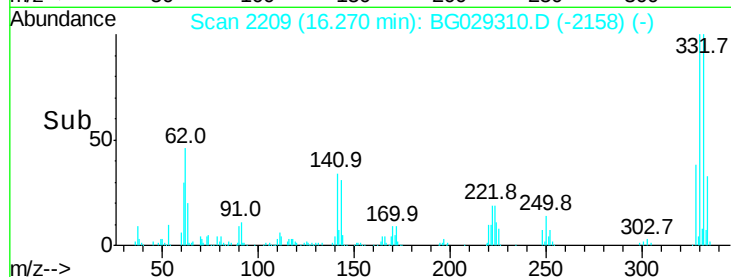
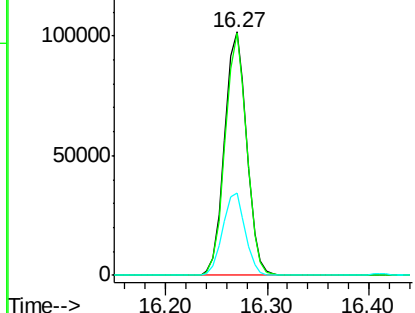
#41
 2,4,6-Tribromophenol
 Concen: 60.953 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion:330 Resp: 154930
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 34.2 25.2 37.8

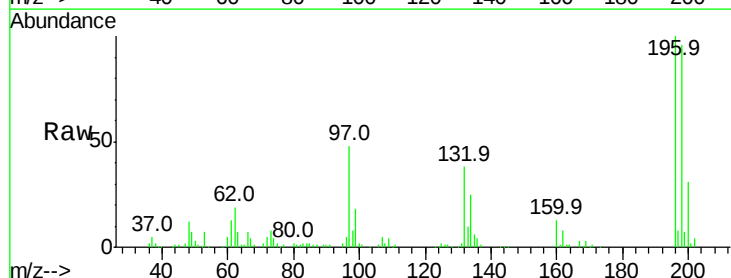


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

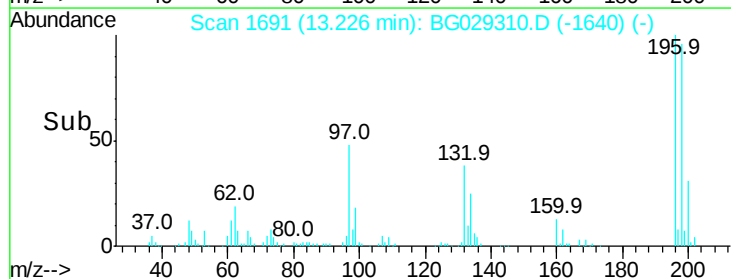
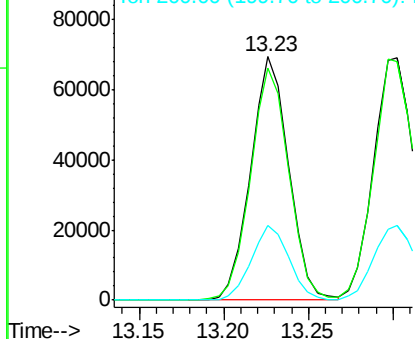


#42
 2,4,6-Trichlorophenol
 Concen: 23.984 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion:196 Resp: 108218
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.2 117.2
 200 30.8 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

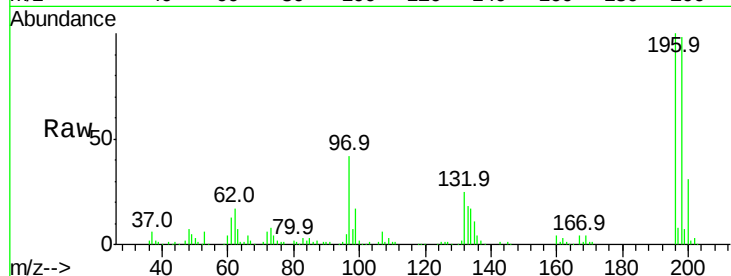




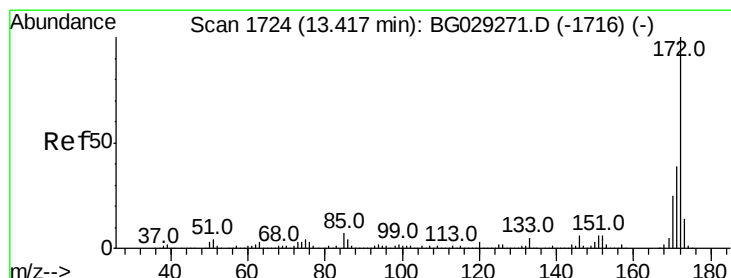
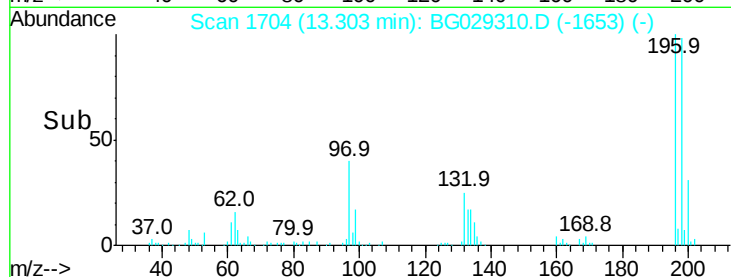
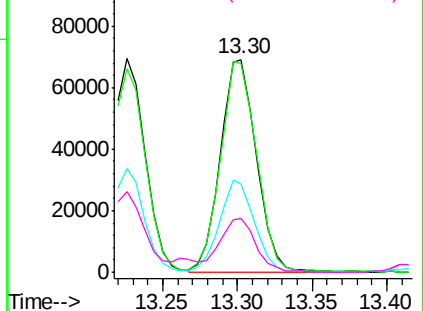
#43
 2,4,5-Trichlorophenol
 Concen: 25.140 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion:	196	Resp:	116497
Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.2	114.4
97	41.7	38.7	58.1
132	25.2	20.2	30.2

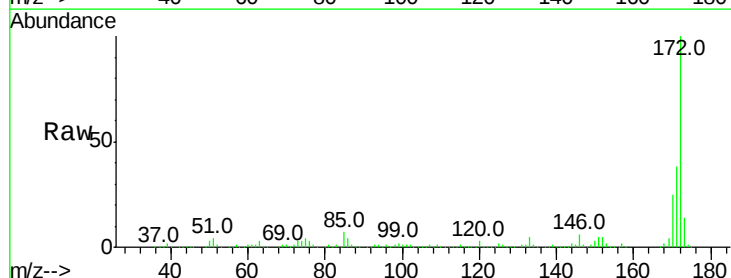


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

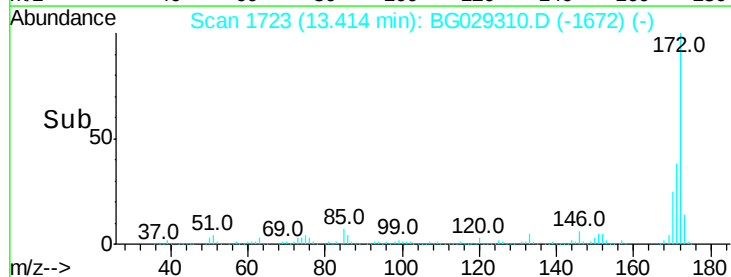
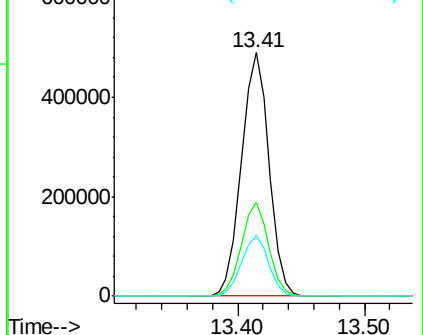


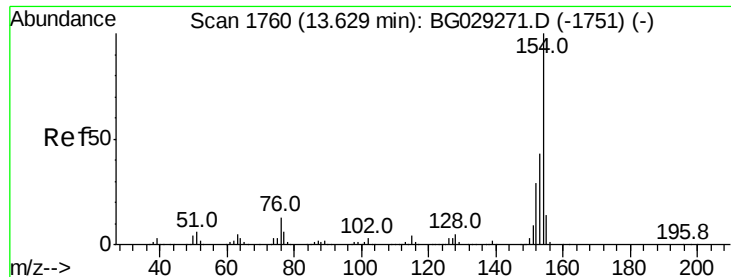
#44
 2-Fluorobiphenyl
 Concen: 54.795 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion:	172	Resp:	735509
Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.9	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

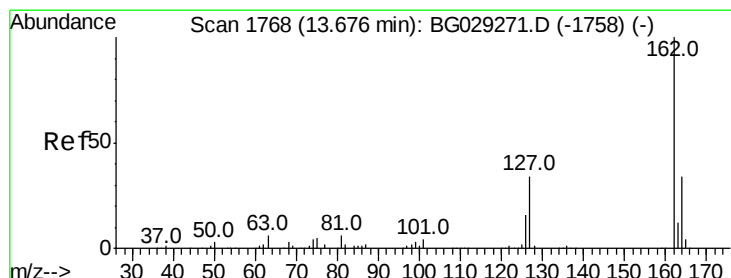
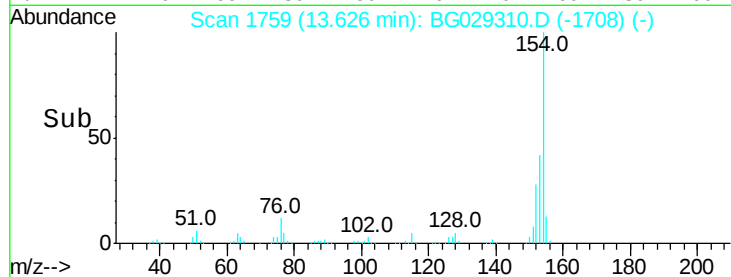
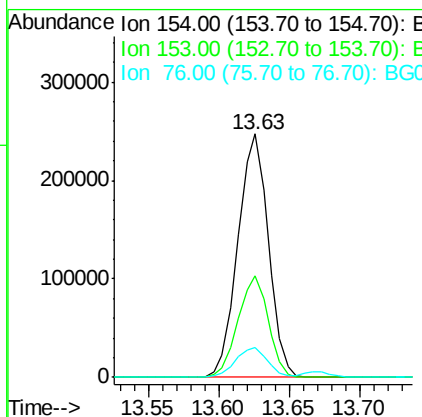
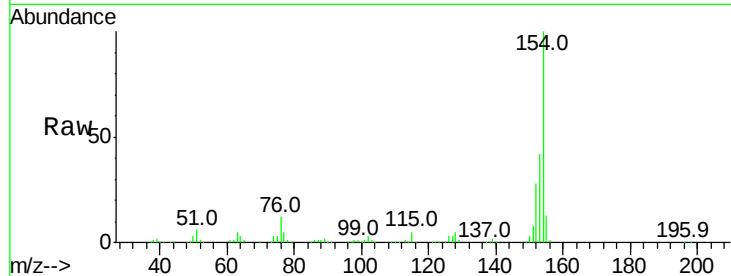




#45
 1,1'-Biphenyl
 Concen: 22.079 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

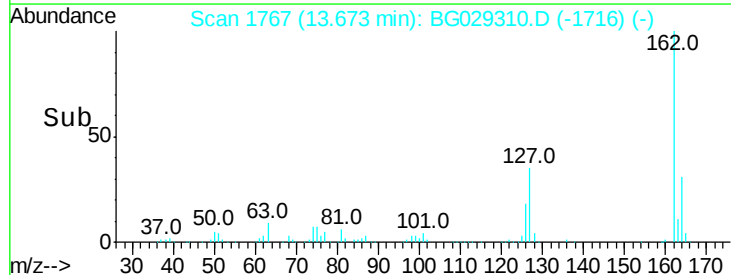
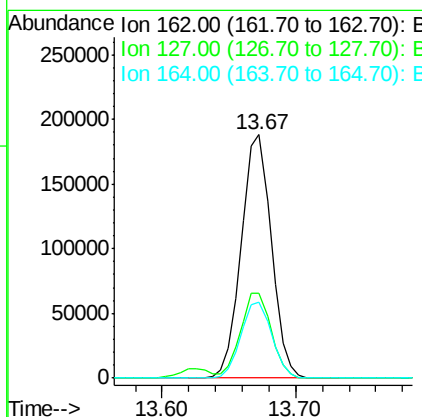
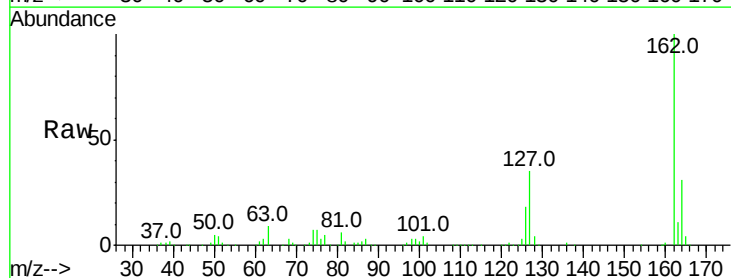
Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

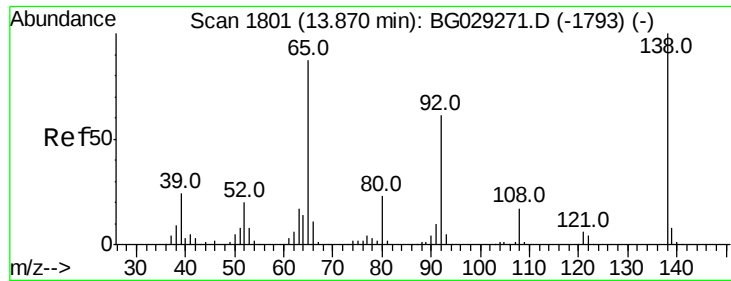
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	12.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 23.739 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.6	30.7	46.1
164	31.4	26.0	39.0

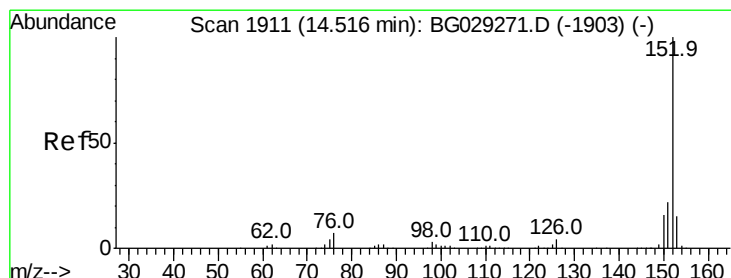
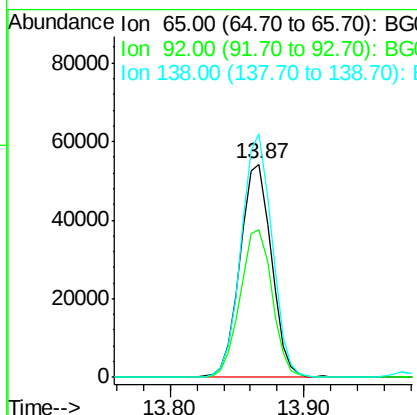
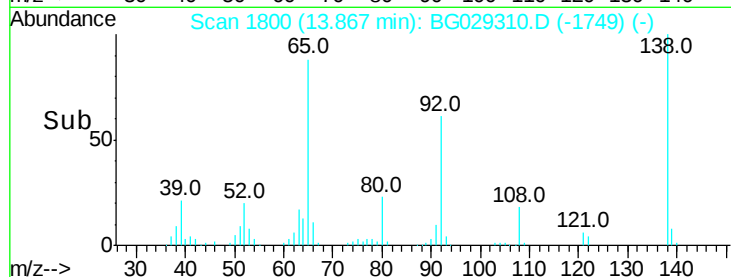
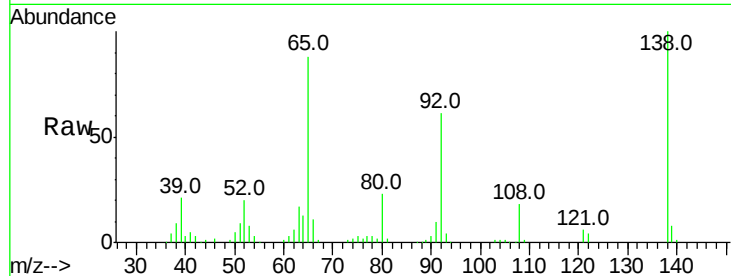




#47
 2-Nitroaniline
 Concen: 26.046 ng
 RT: 13.87 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

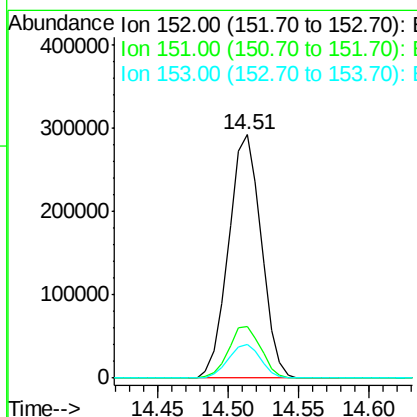
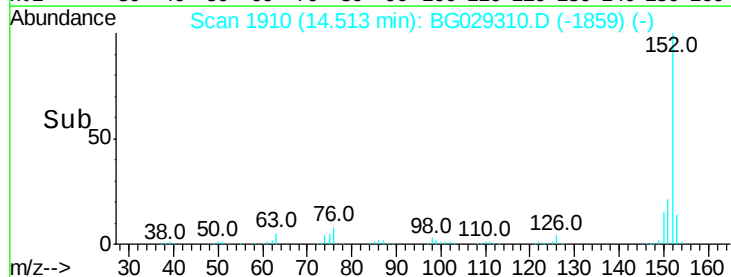
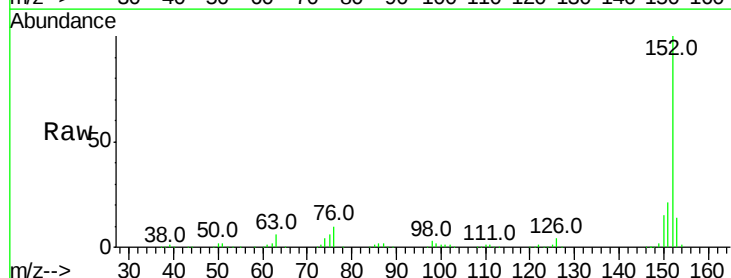
Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

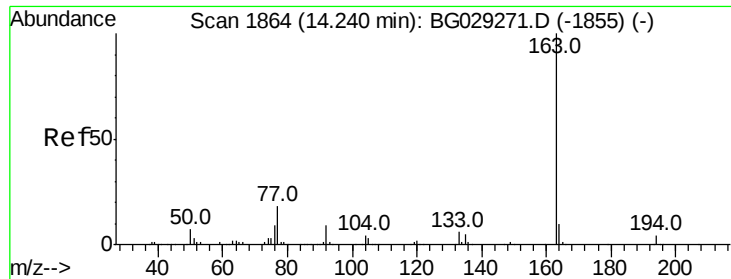
Tot Ion: 65 Resp: 88301
 Ion Ratio Lower Upper
 65 100
 92 69.4 54.6 82.0
 138 114.3 72.9 109.3#



#48
 Acenaphthylene
 Concen: 24.334 ng
 RT: 14.51 min Scan# 1910
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion: 152 Resp: 470067
 Ion Ratio Lower Upper
 152 100
 151 21.4 17.2 25.8
 153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 24.891 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

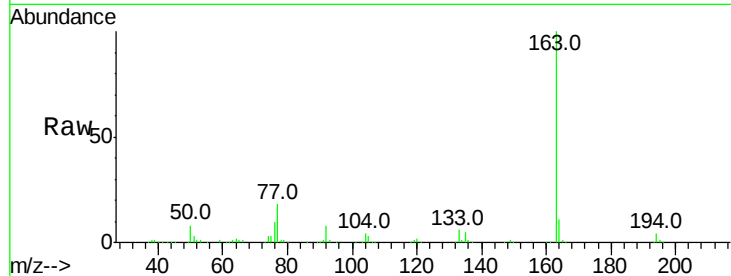
Tot Ion:163 Resp: 382337

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

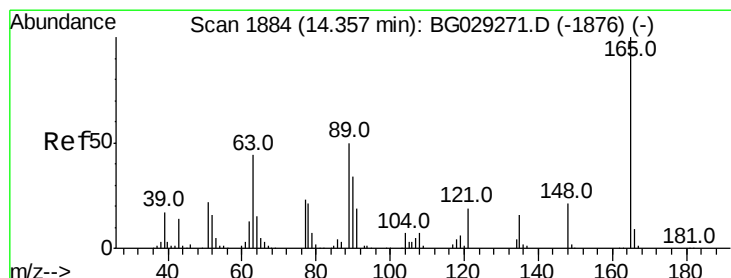
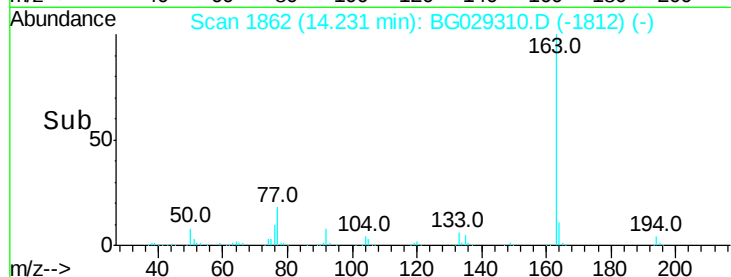
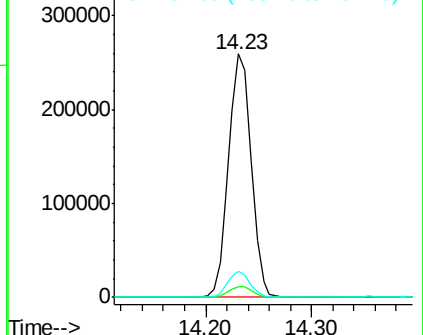
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 26.982 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

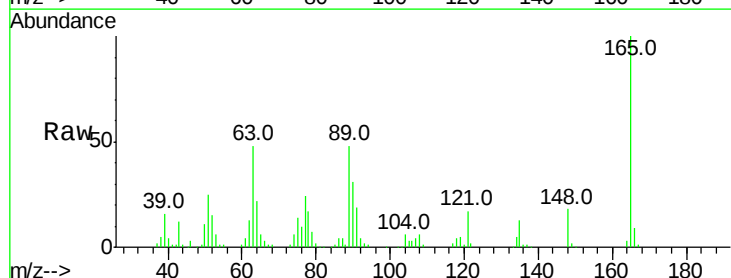
Tgt Ion:165 Resp: 86883

Ion Ratio Lower Upper

165 100

63 47.5 52.7 79.1#

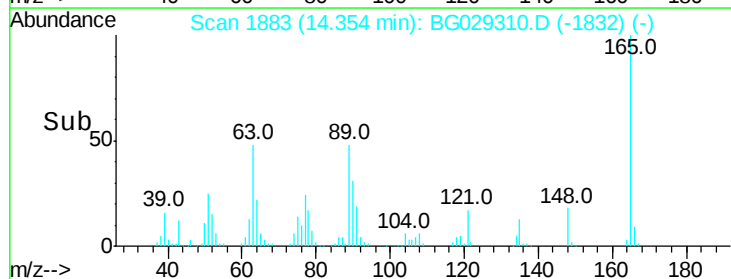
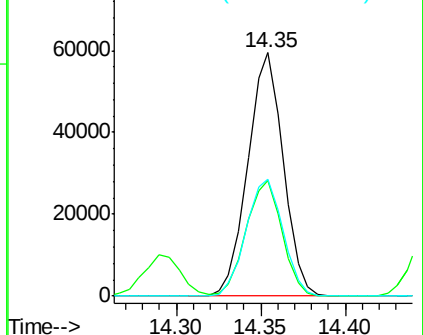
89 47.9 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 23.409 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

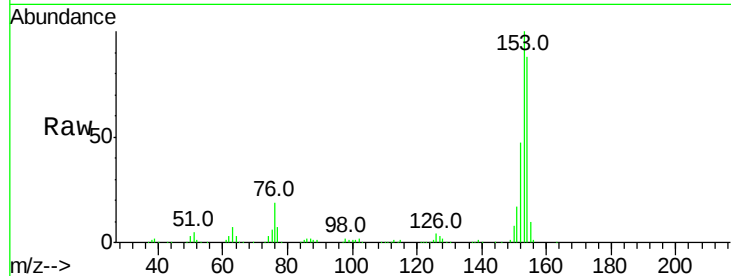
Tot Ion:154 Resp: 294209

Ion Ratio Lower Upper

154 100

153 113.7 90.4 135.6

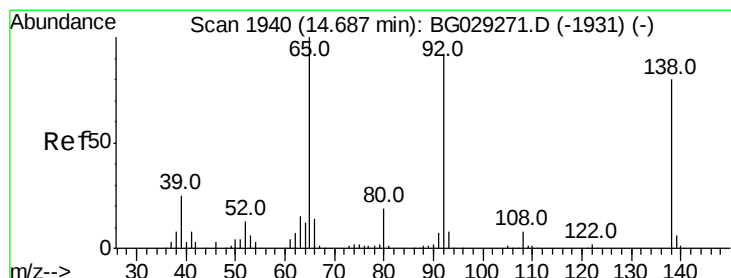
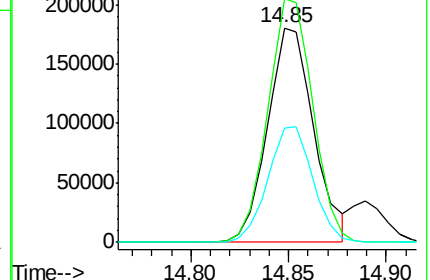
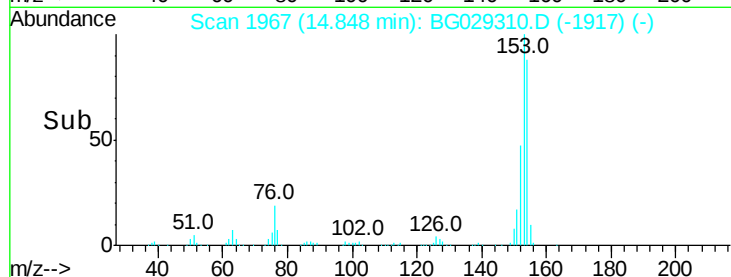
152 53.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 9.195 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

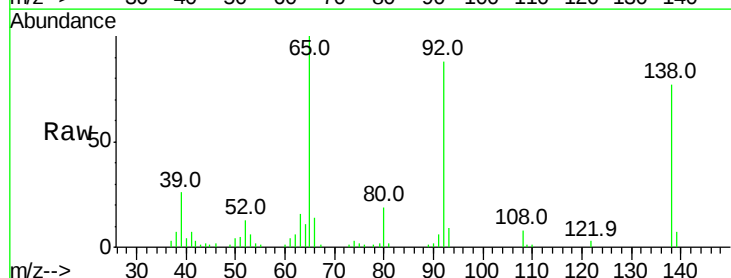
Tgt Ion:138 Resp: 31950

Ion Ratio Lower Upper

138 100

108 9.9 17.5 26.3#

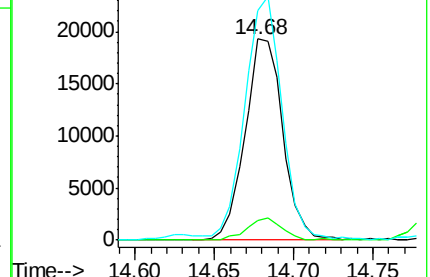
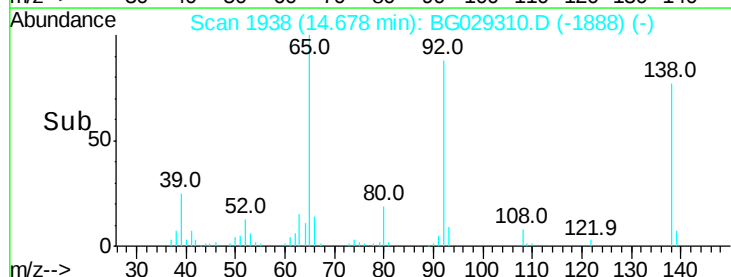
92 113.9 105.8 158.8

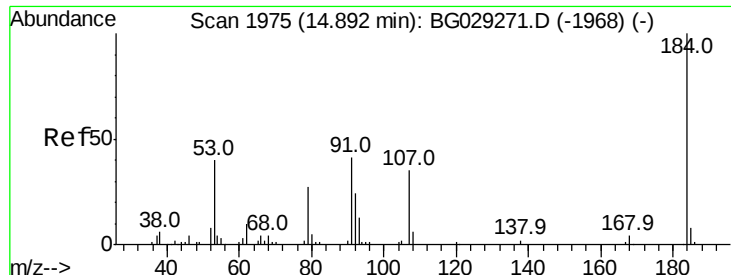


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

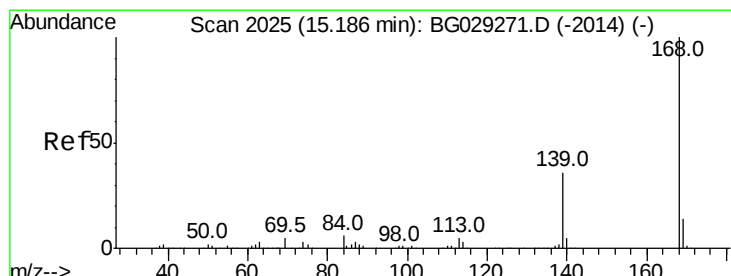
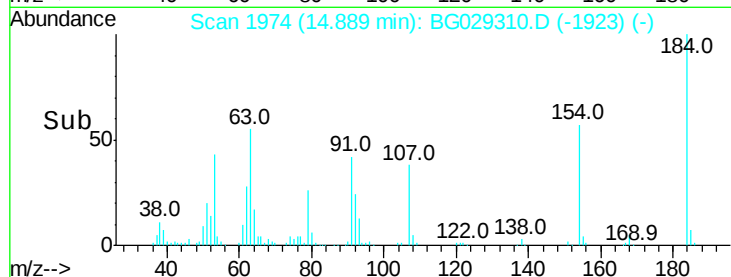
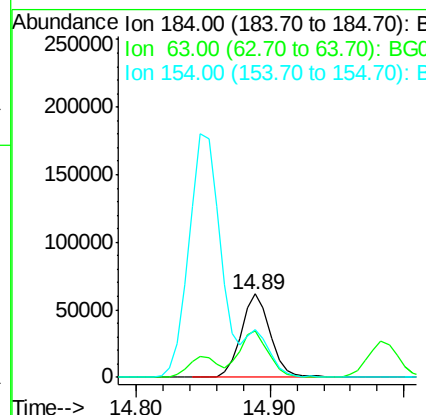
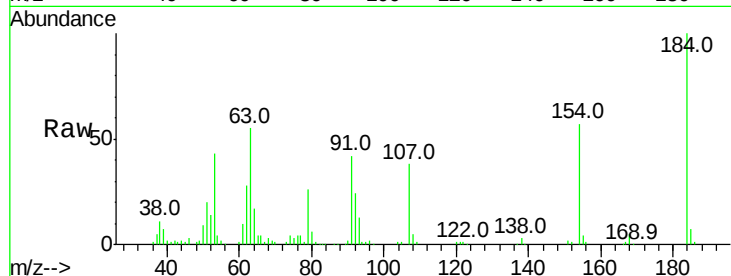




#53
 2,4-Dinitrophenol
 Concen: 54.661 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

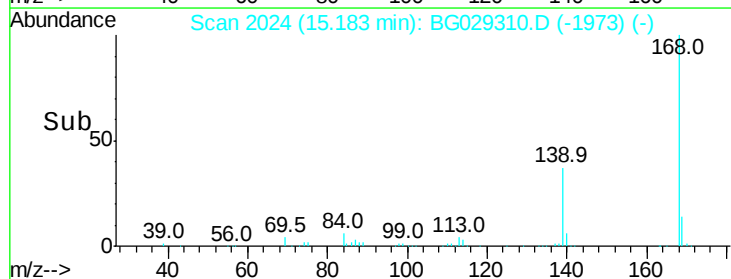
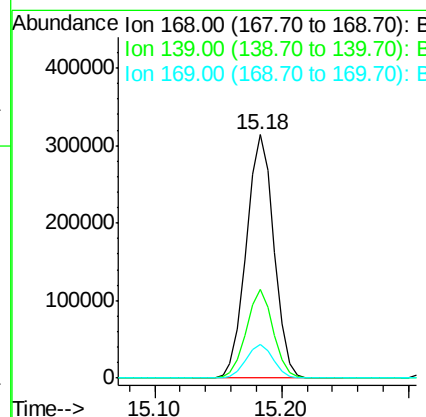
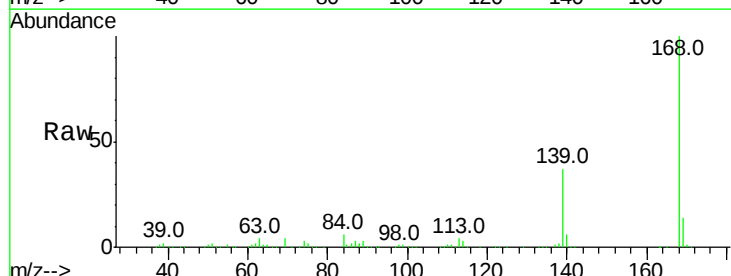
Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion:184 Resp: 92861
 Ion Ratio Lower Upper
 184 100
 63 55.1 59.8 89.8#
 154 56.9 101.8 152.8#



#54
 Dibenzofuran
 Concen: 26.331 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion:168 Resp: 472437
 Ion Ratio Lower Upper
 168 100
 139 36.7 28.6 43.0
 169 13.7 11.2 16.8





#55

4-Nitrophenol

Concen: 52.888 ng

RT: 14.98 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

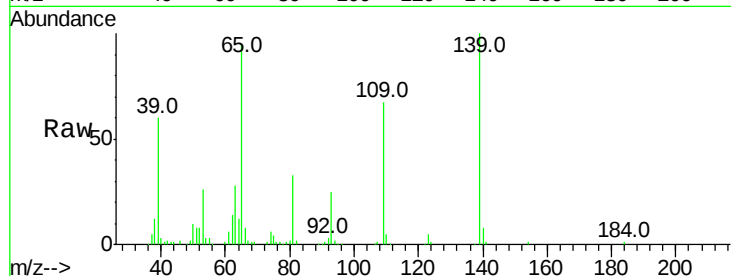
Tot Ion:139 Resp: 151499

Ion Ratio Lower Upper

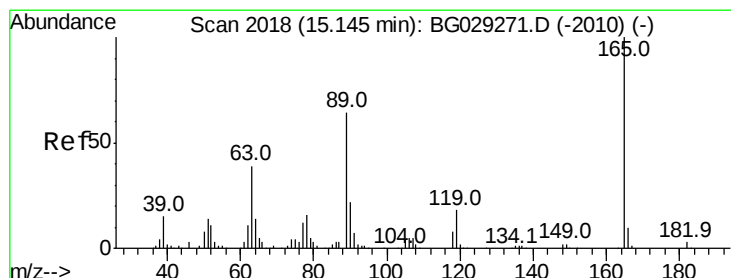
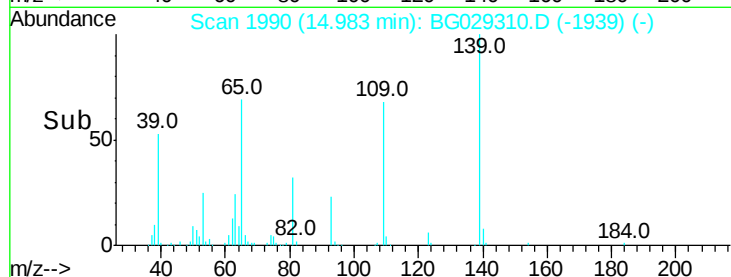
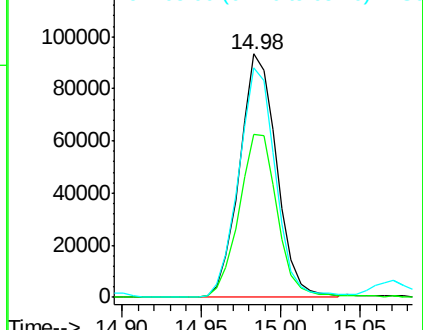
139 100

109 66.8 62.2 102.2

65 94.5 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 27.831 ng

RT: 15.14 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Tgt Ion:165 Resp: 121313

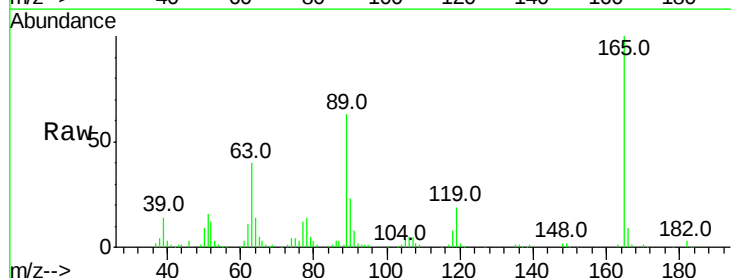
Ion Ratio Lower Upper

165 100

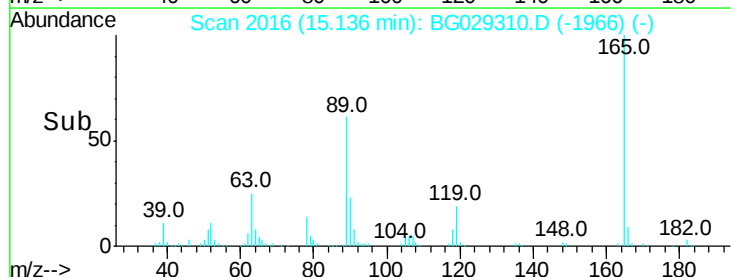
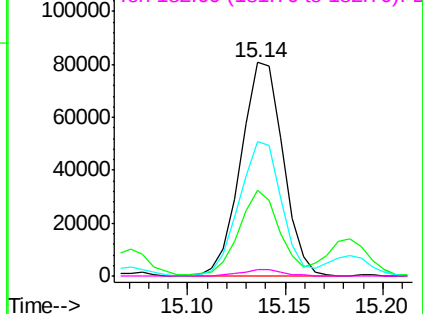
63 40.1 42.0 63.0#

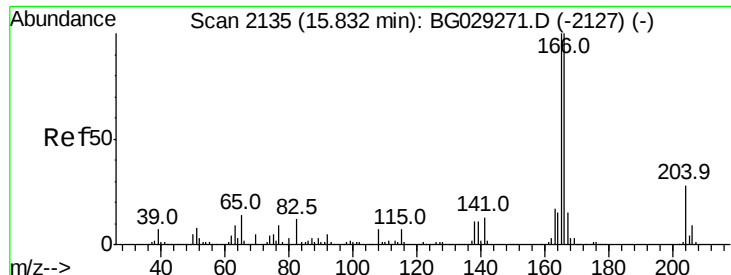
89 62.8 66.9 100.3#

182 2.9 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 25.680 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

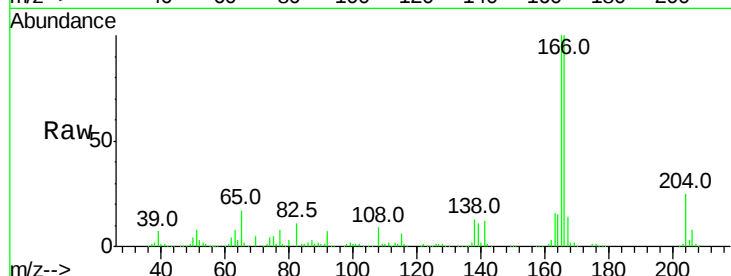
Tot Ion:166 Resp: 380624

Ion Ratio Lower Upper

166 100

165 100.0 80.6 121.0

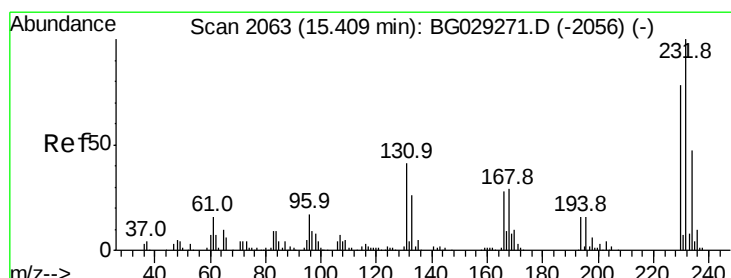
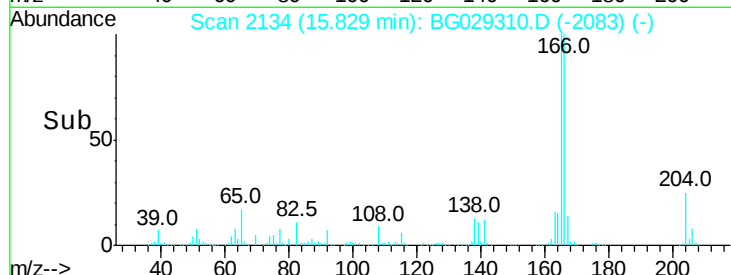
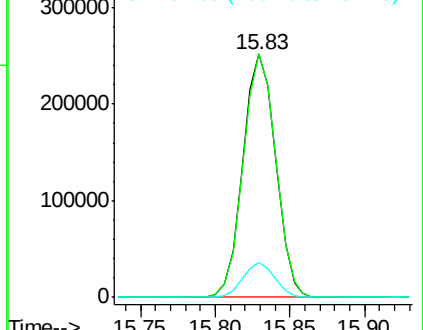
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.491 ng

RT: 15.41 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Tgt Ion:232 Resp: 114015

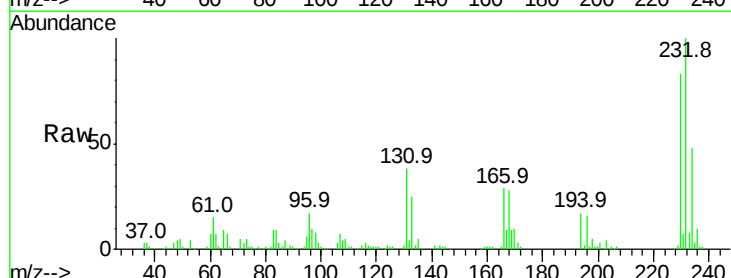
Ion Ratio Lower Upper

232 100

131 38.6 33.5 50.3

130 2.3 2.2 3.2

166 28.4 24.8 37.2

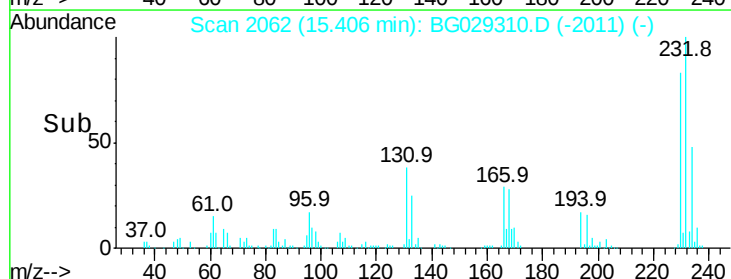
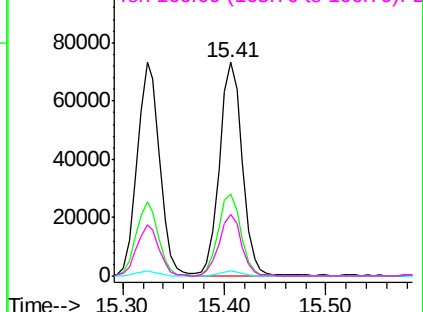


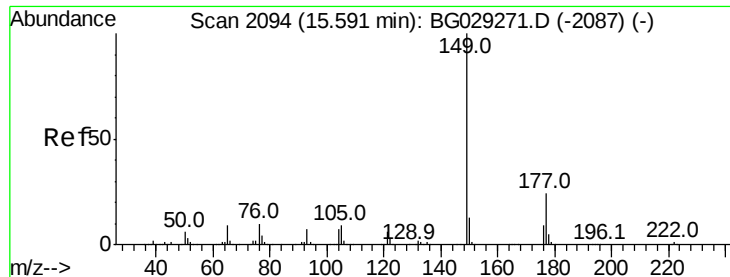
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

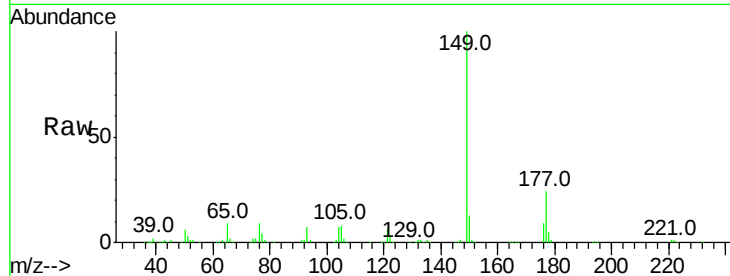




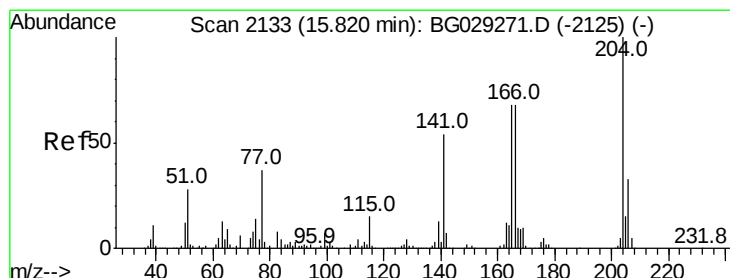
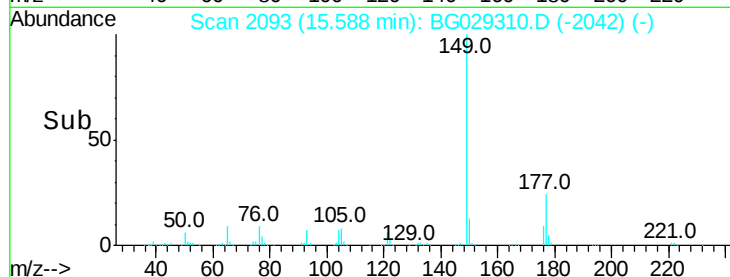
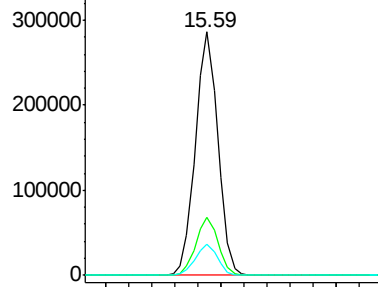
#59
Diethylphthalate
Concen: 25.243 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion:149 Resp: 386415
Ion Ratio Lower Upper
149 100
177 23.9 18.5 27.7
150 12.9 10.2 15.2

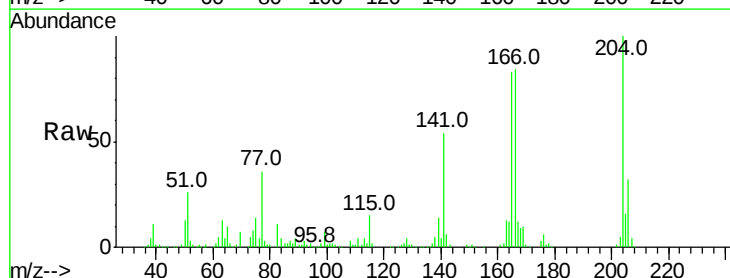


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

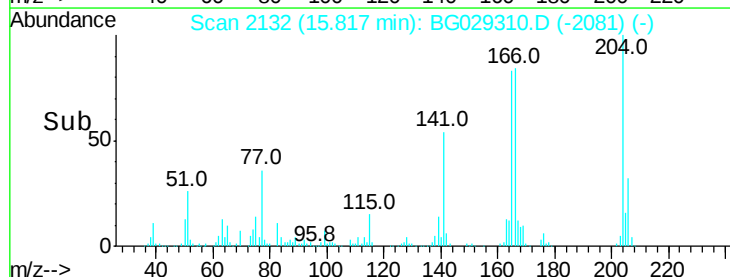
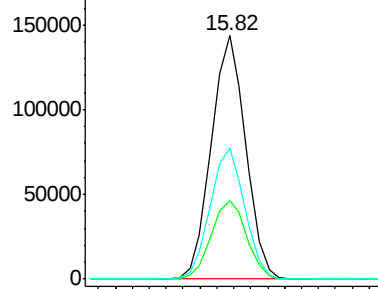


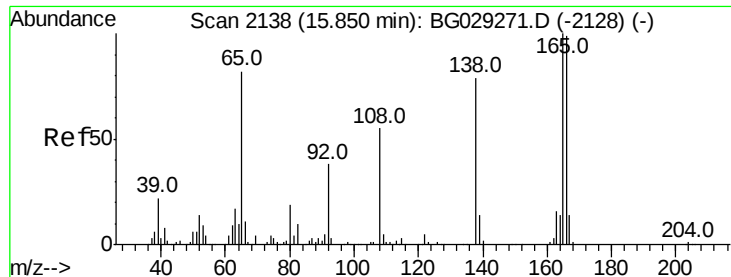
#60
4-Chlorophenyl-phenylether
Concen: 25.666 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Tgt Ion:204 Resp: 202831
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 54.0 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

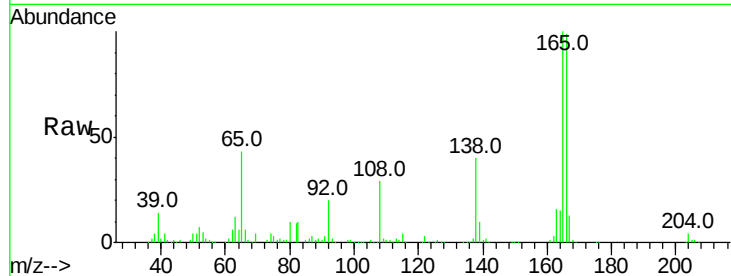




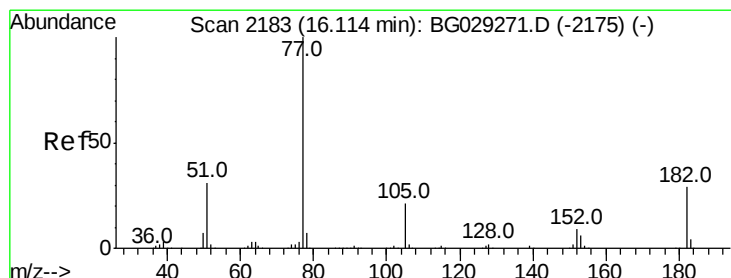
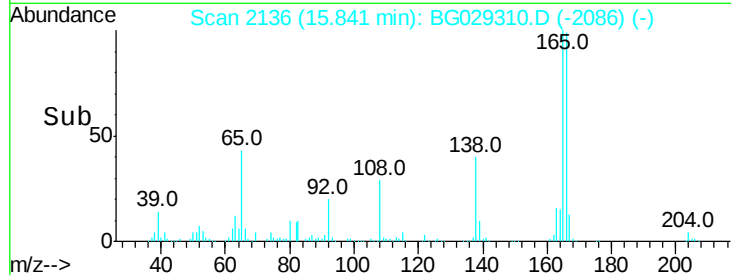
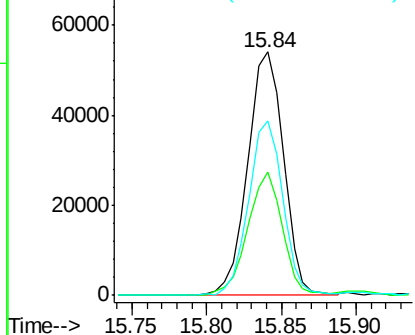
#61
4-Nitroaniline
Concen: 25.158 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion:138 Resp: 89760
Ion Ratio Lower Upper
138 100
92 50.8 40.1 80.1
108 71.8 65.4 105.4

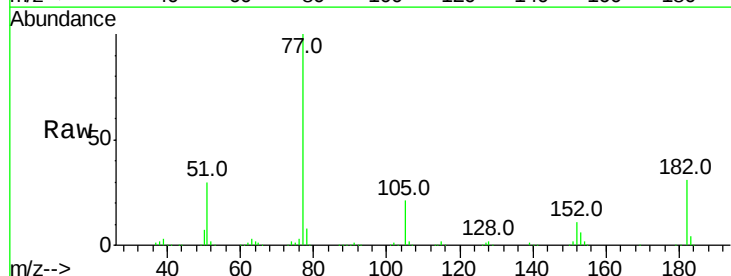


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

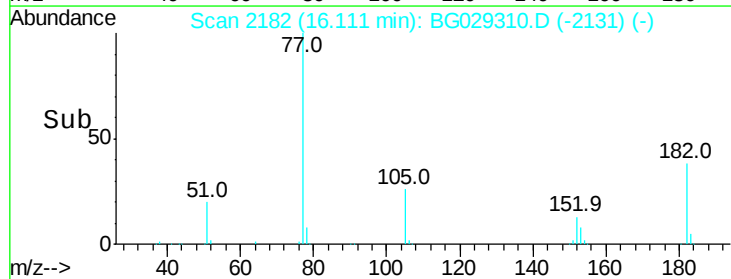
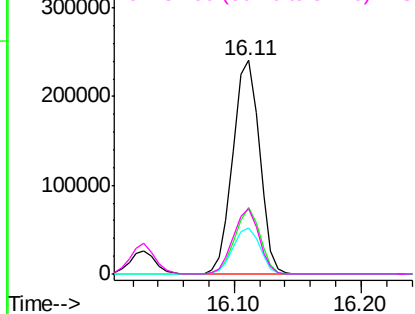


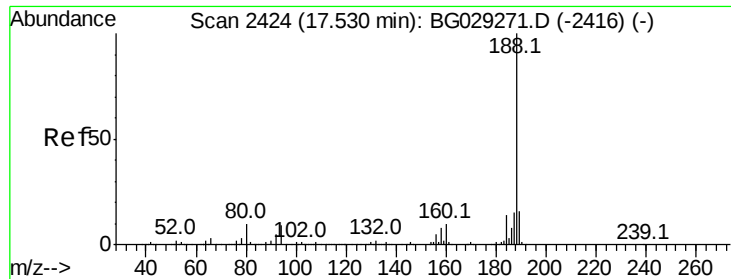
#62
Azobenzene
Concen: 27.149 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Tgt Ion: 77 Resp: 350458
Ion Ratio Lower Upper
77 100
182 30.9 7.4 47.4
105 21.3 0.3 40.3
51 30.4 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

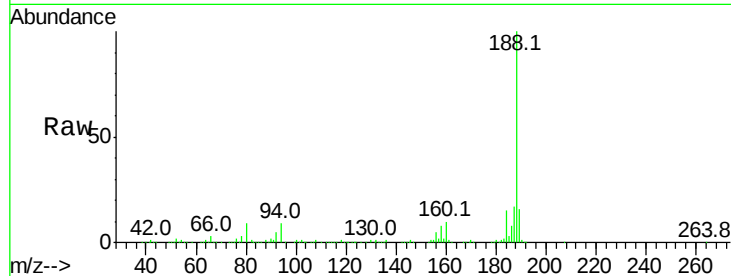
Tot Ion:188 Resp: 469224

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

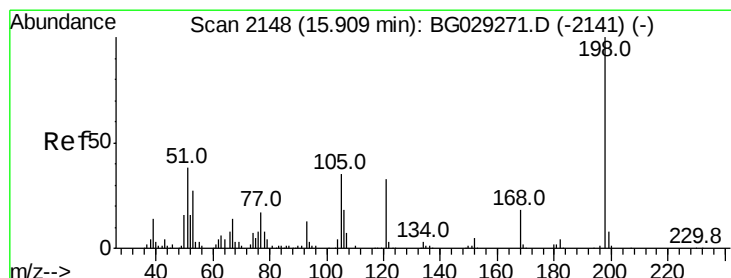
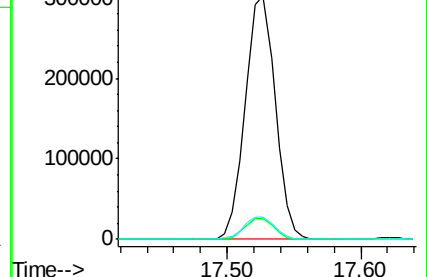
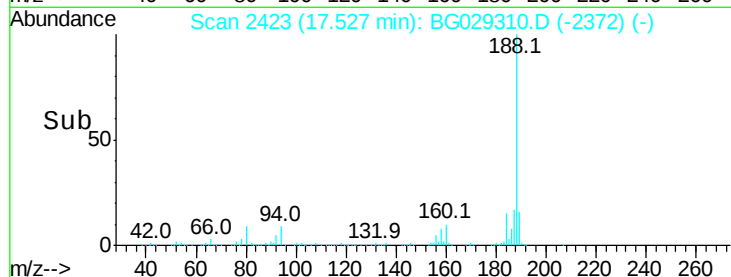
80 9.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 25.695 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

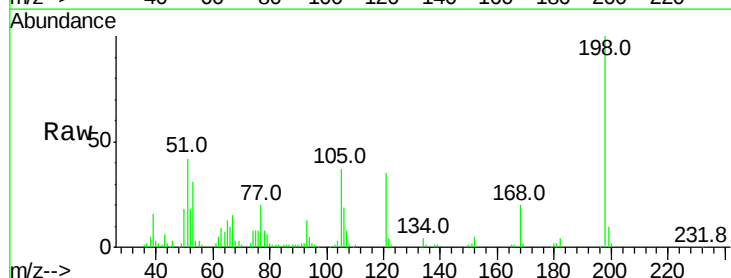
Tgt Ion:198 Resp: 61643

Ion Ratio Lower Upper

198 100

51 42.3 30.6 70.6

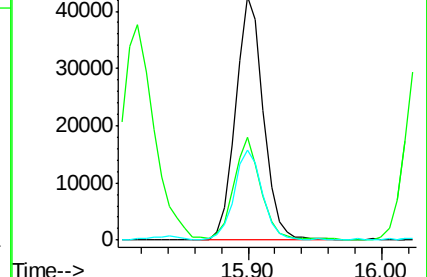
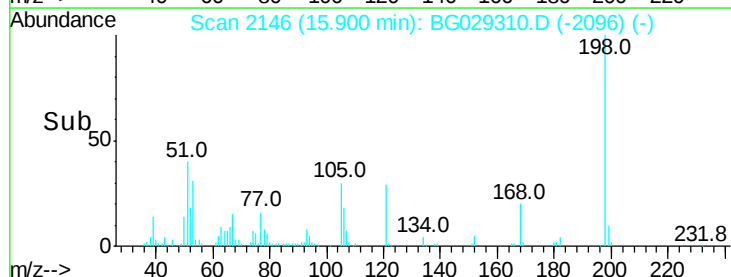
105 37.1 23.8 63.8

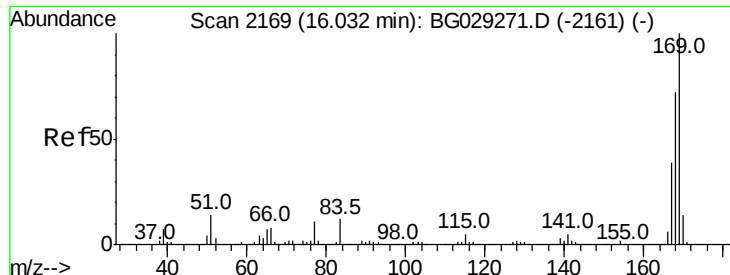


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

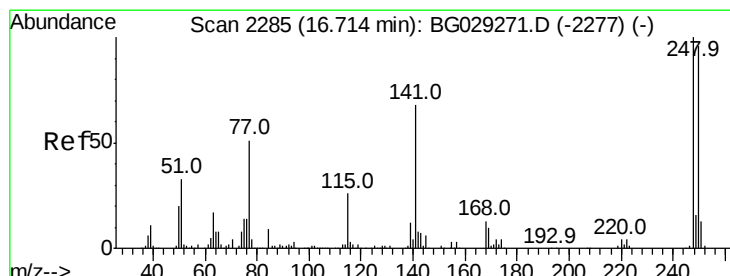
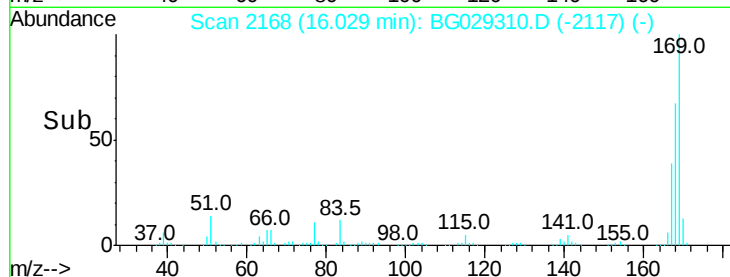
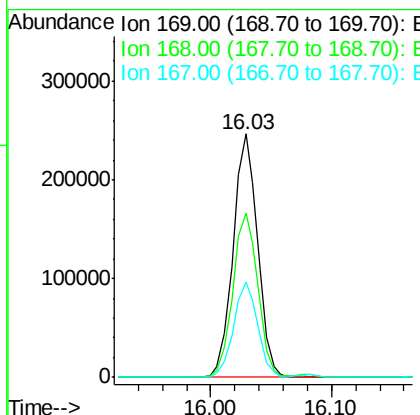
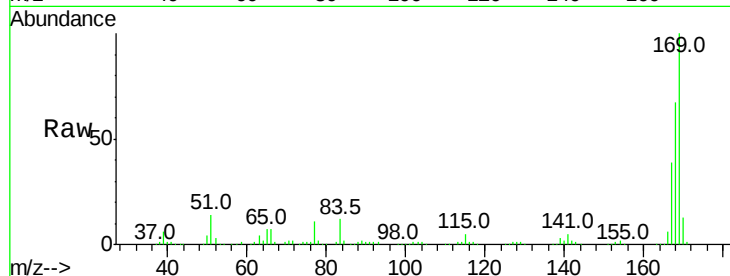




#65
 n-Nitrosodiphenylamine
 Concen: 24.723 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

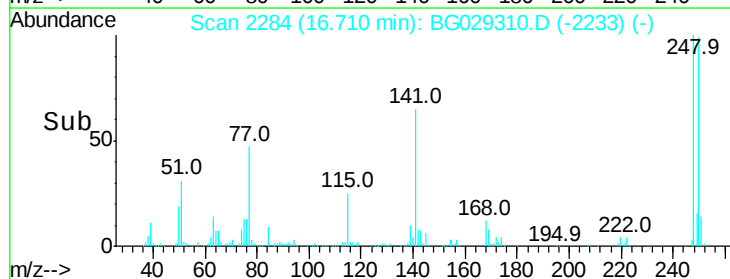
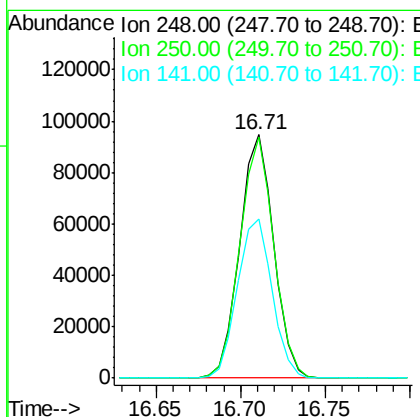
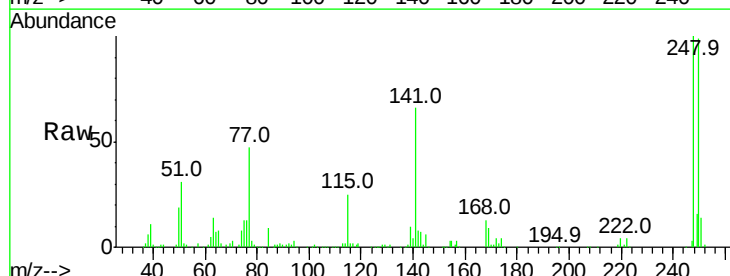
Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion:169 Resp: 347506
 Ion Ratio Lower Upper
 169 100
 168 67.4 55.7 83.5
 167 38.9 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 24.663 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion:248 Resp: 132791
 Ion Ratio Lower Upper
 248 100
 250 99.1 77.1 115.7
 141 65.5 50.8 76.2

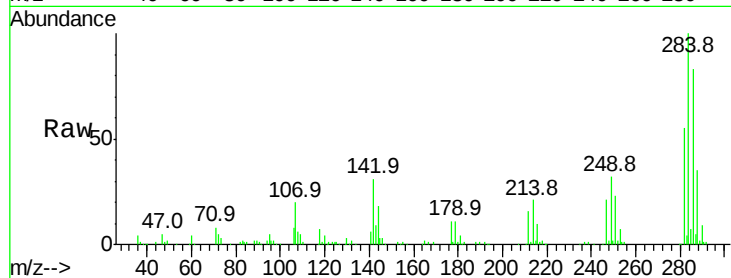




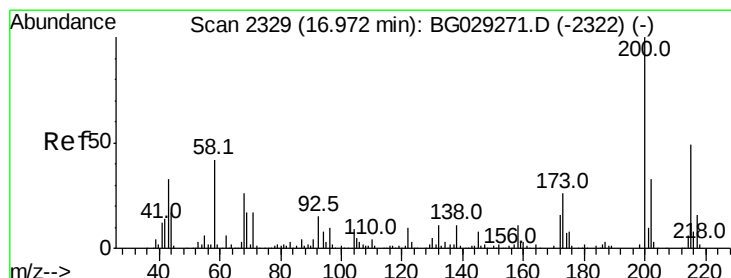
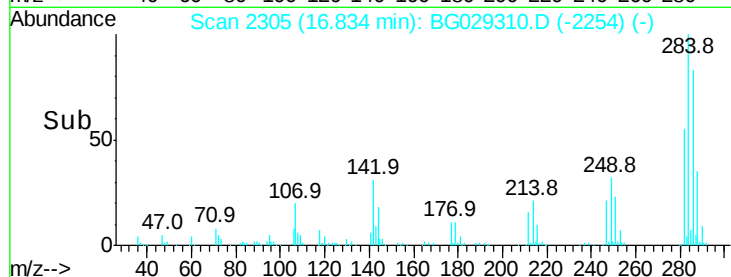
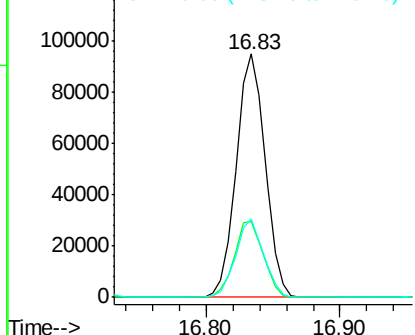
#67
Hexachlorobenzene
Concen: 23.284 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion:284 Resp: 142006
Ion Ratio Lower Upper
284 100
142 31.4 26.8 40.2
249 32.1 26.3 39.5

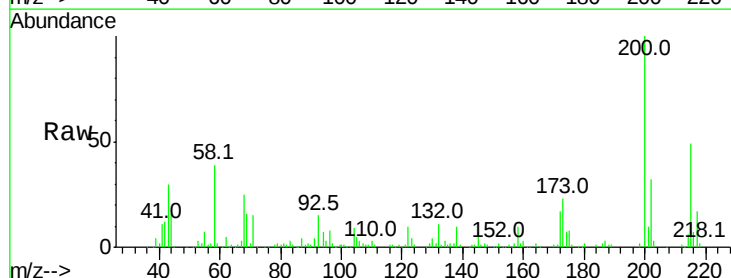


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

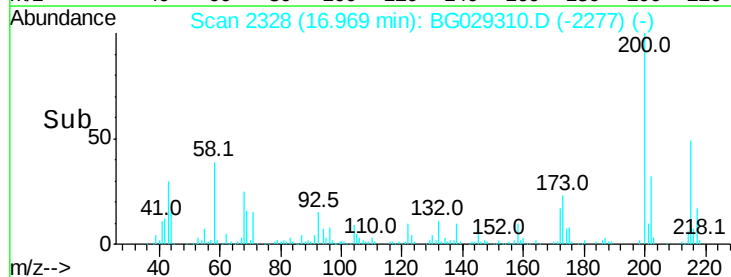
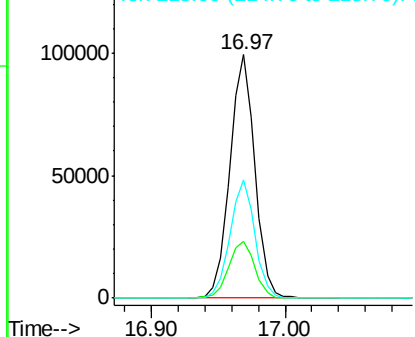


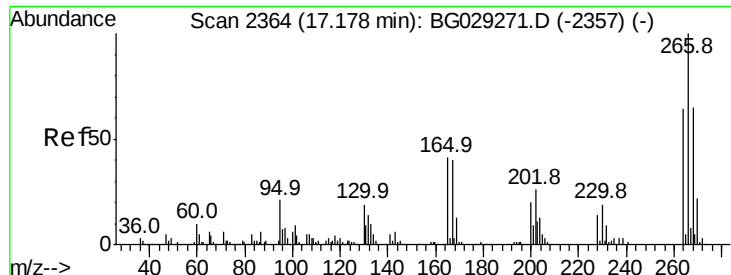
#68
Atrazine
Concen: 25.867 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Tgt Ion:200 Resp: 129733
Ion Ratio Lower Upper
200 100
173 23.1 5.2 45.2
215 48.6 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 51.560 ng

RT: 17.17 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

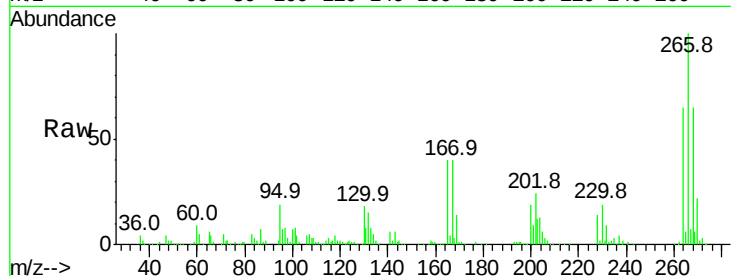
Tot Ion:266 Resp: 180643

Ion Ratio Lower Upper

266 100

268 64.7 51.1 76.7

264 64.7 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

150000

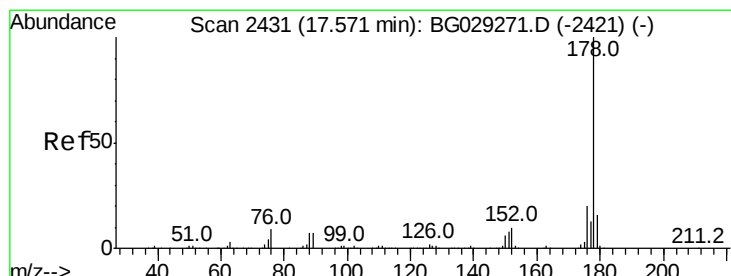
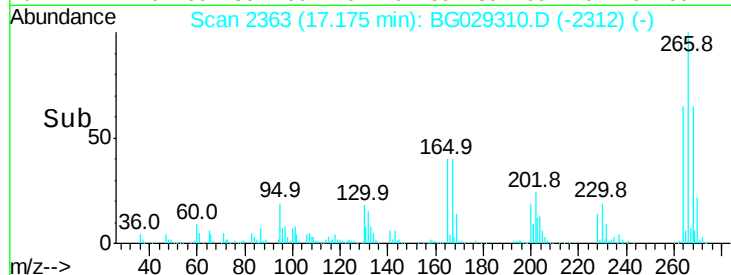
100000

50000

0

17.10 17.20

Time-->



#70

Phenanthrene

Concen: 25.484 ng

RT: 17.57 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

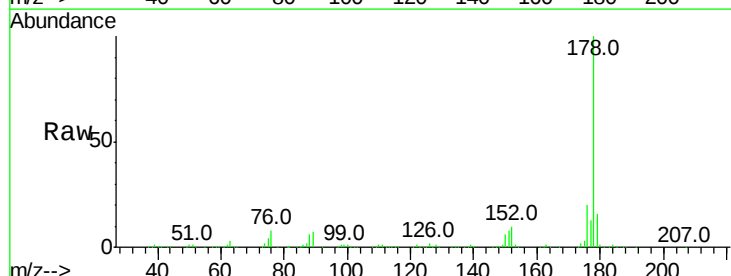
Tgt Ion:178 Resp: 617736

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

500000

400000

300000

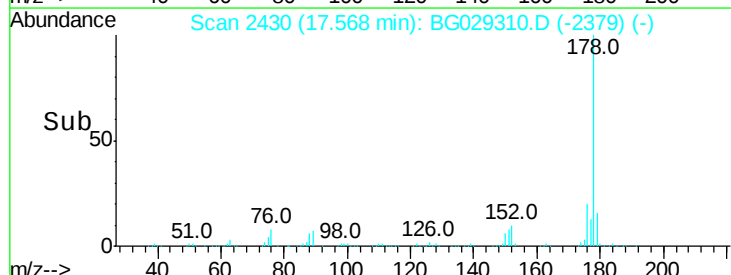
200000

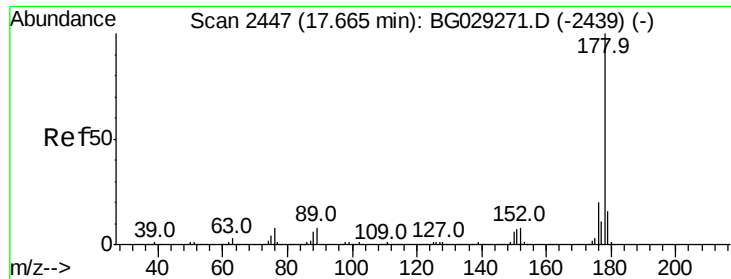
100000

0

17.50 17.55 17.60

Time-->

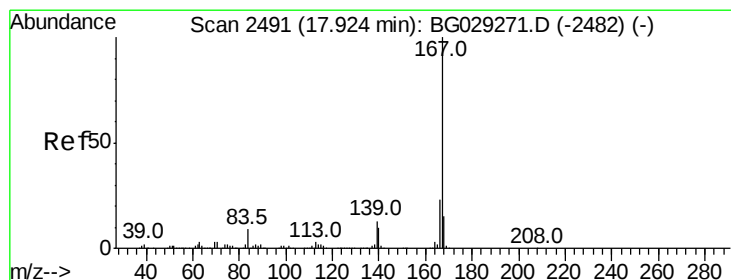
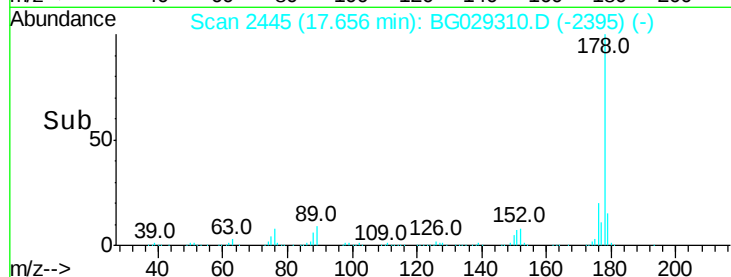
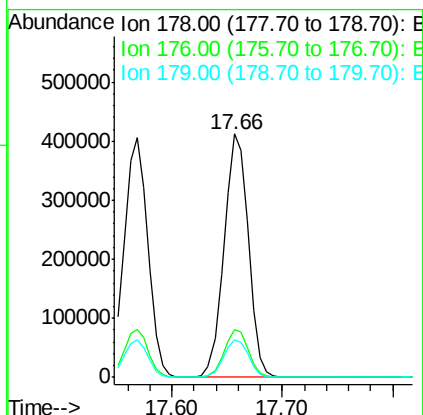
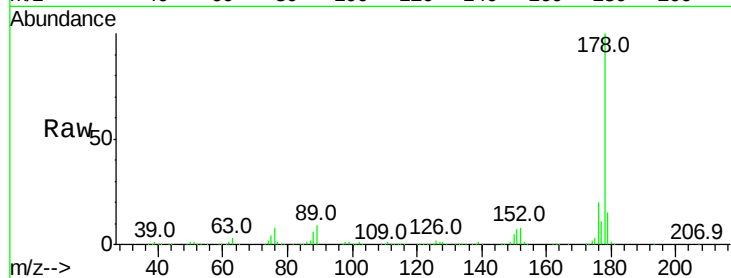




#71
 Anthracene
 Concen: 26.029 ng
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

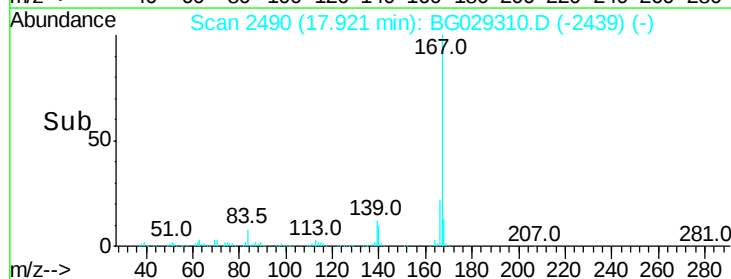
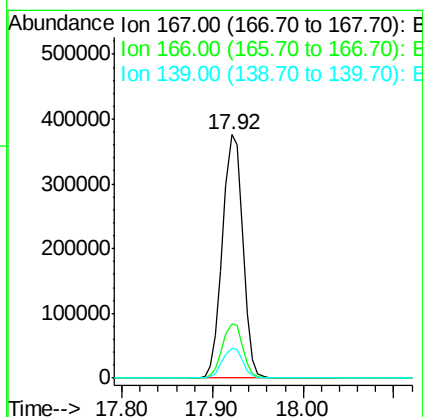
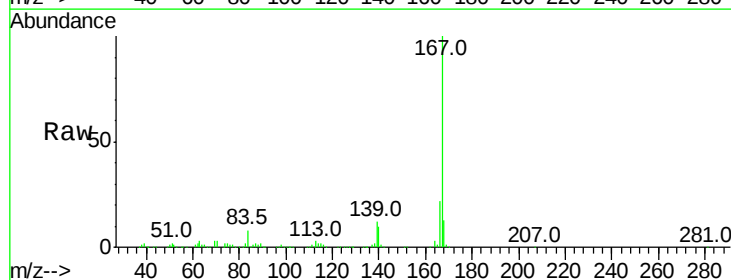
Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

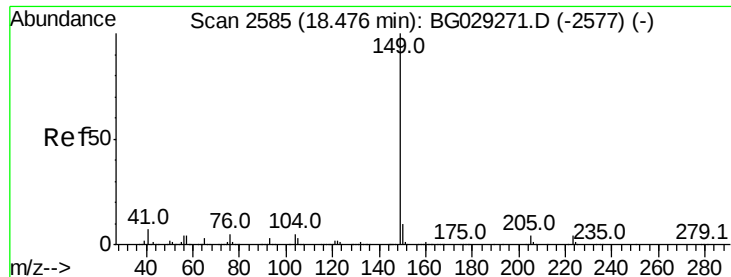
Tot Ion:178 Resp: 633563
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 25.144 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion:167 Resp: 587907
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.4
 139 12.1 9.4 14.2

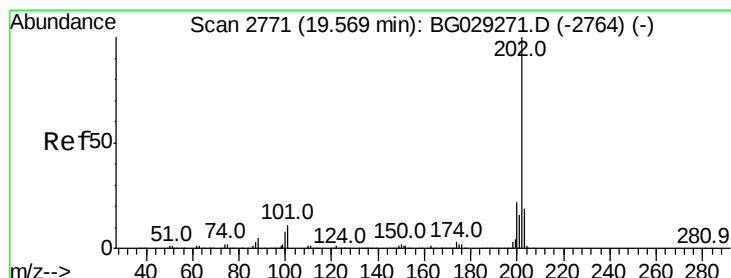
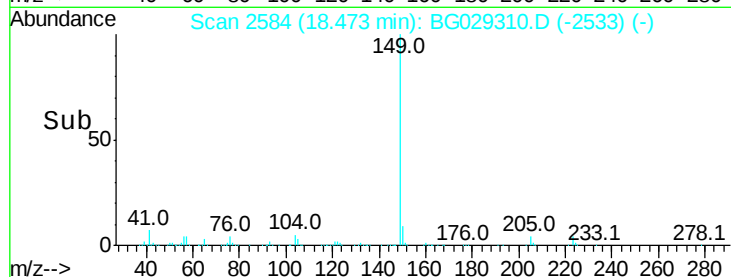
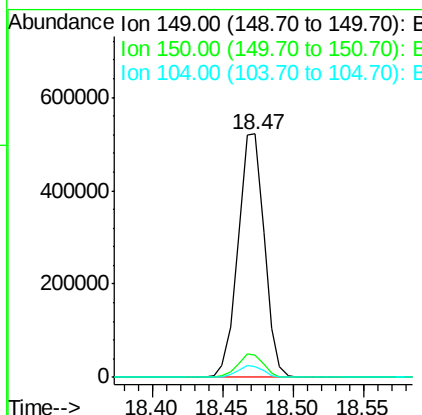
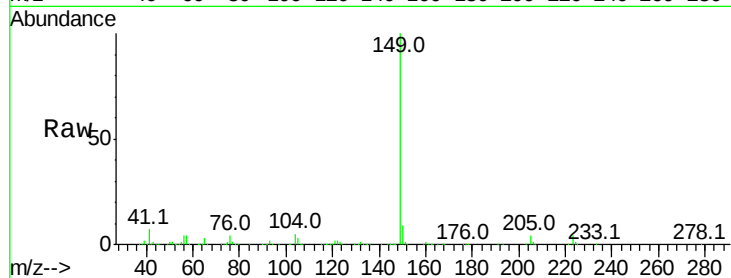




#73
Di-n-butylphthalate
Concen: 25.159 ng
RT: 18.47 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

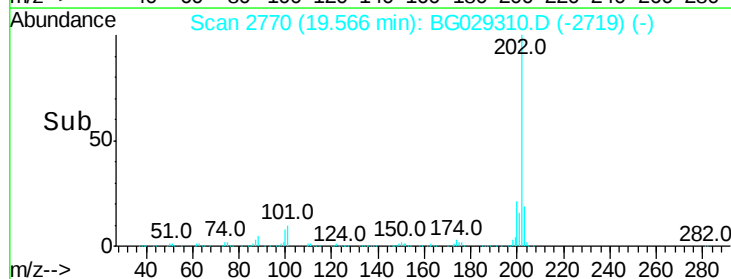
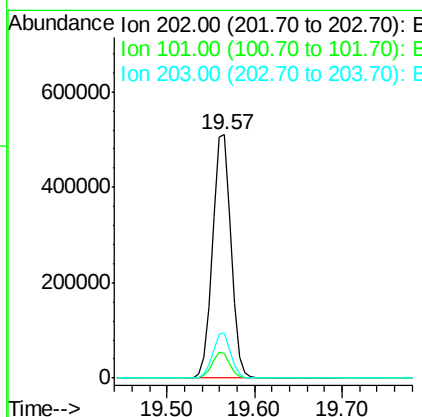
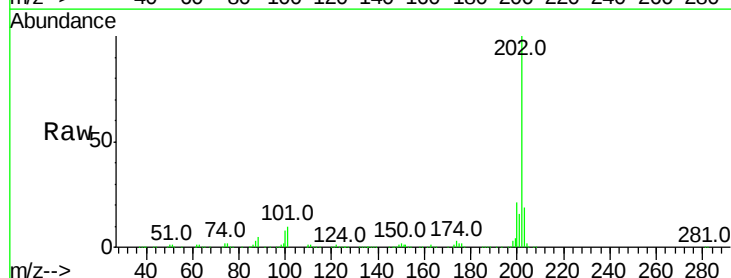
Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.5	3.9	5.9



#74
Fluoranthene
Concen: 26.452 ng
RT: 19.57 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	28.9
203	18.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

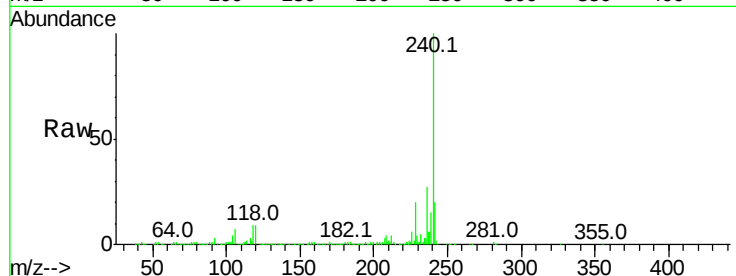
Tot Ion:240 Resp: 492135

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

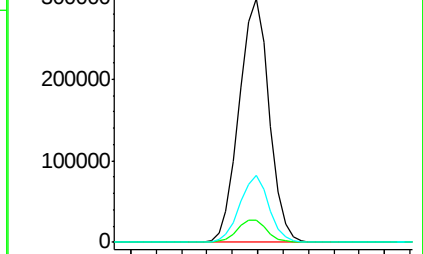
236 27.3 20.9 31.3



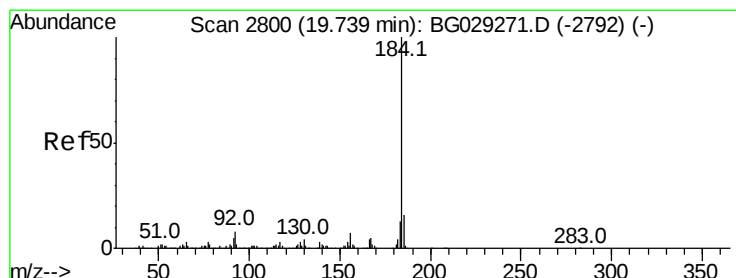
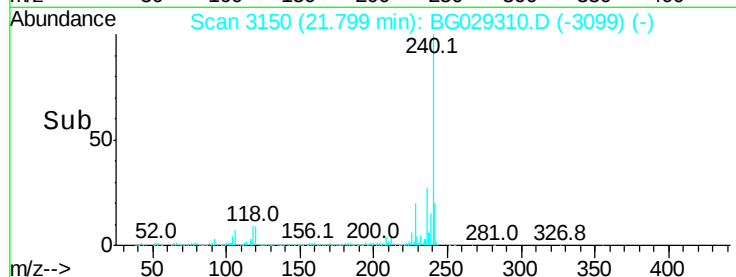
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90



#76

Benzidine

Concen: 16.347 ng

RT: 19.74 min Scan# 2800

Delta R.T. 0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

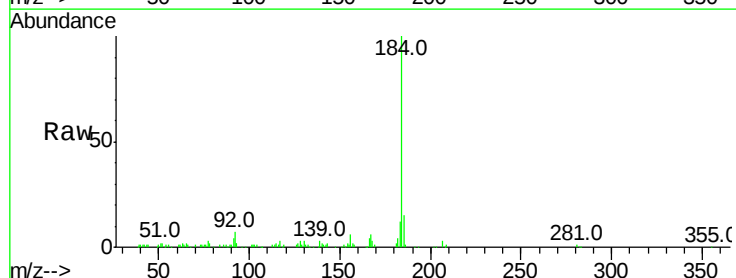
Tgt Ion:184 Resp: 242909

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

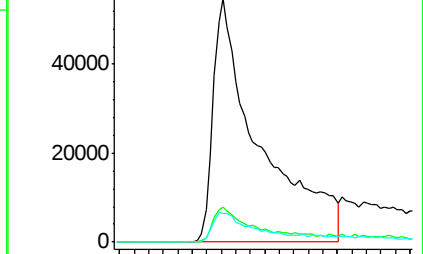
183 11.5 10.6 16.0



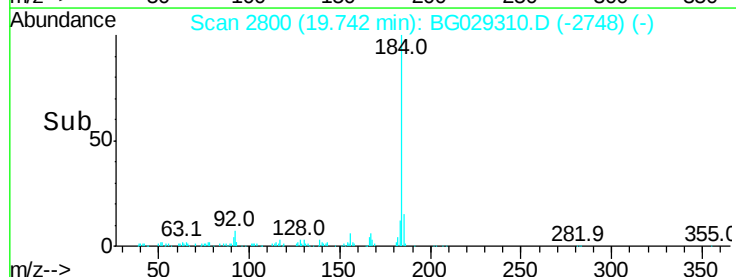
Abundance Ion 184.00 (183.70 to 184.70): E

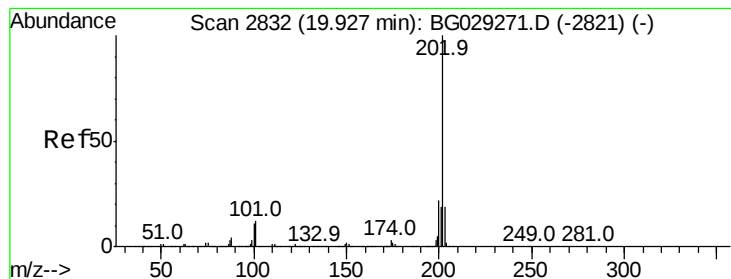
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.60 19.70 19.80 19.90





#77

Pvrene

Concen: 25.911 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

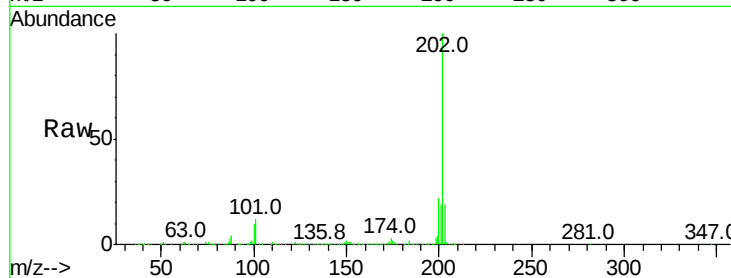
Tot Ion:202 Resp: 773551

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

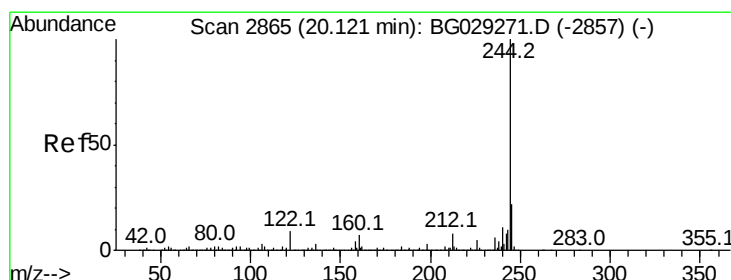
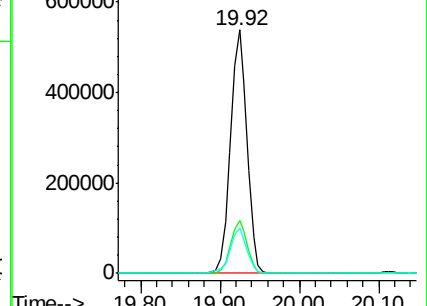
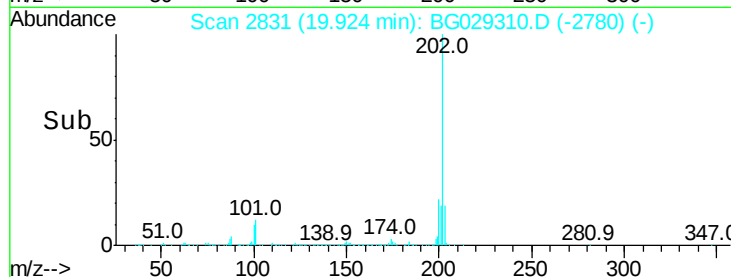
203 18.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.067 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

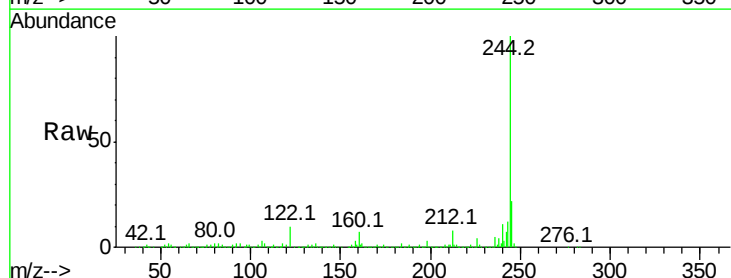
Tgt Ion:244 Resp: 1277784

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

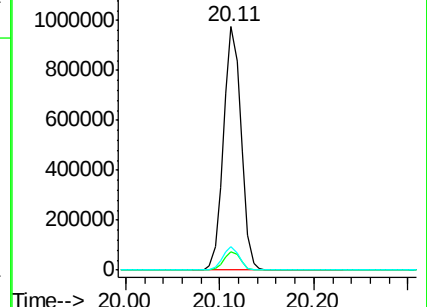
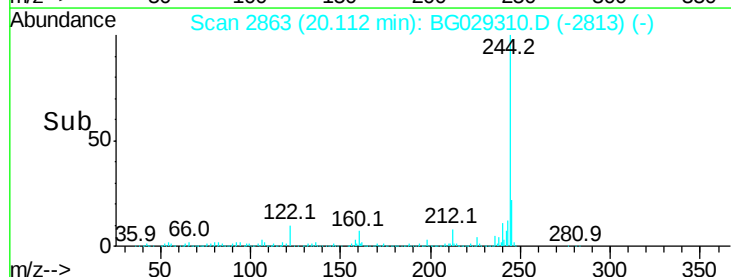
122 9.5 7.0 10.4

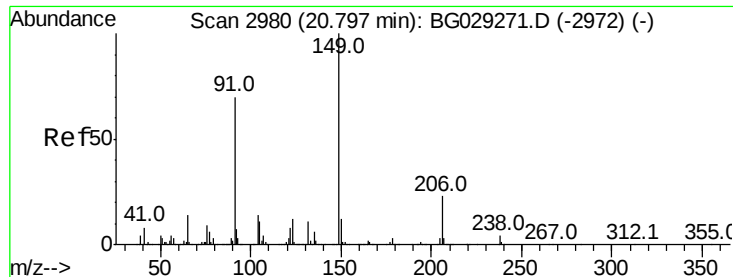


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

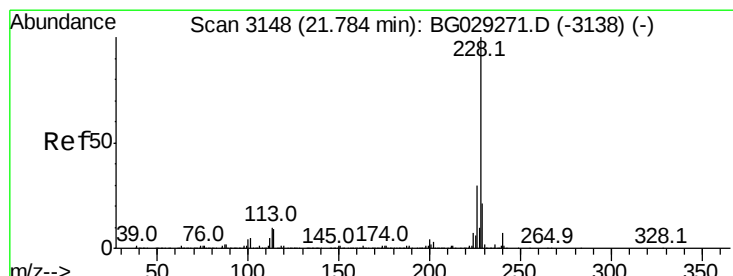
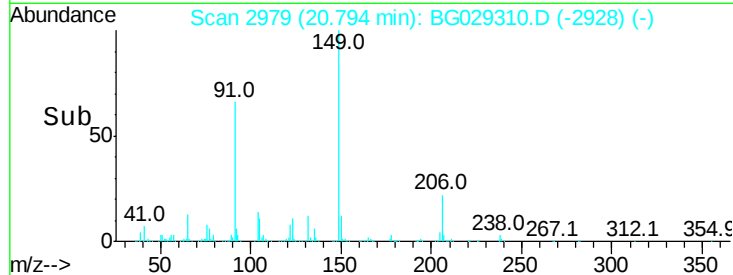
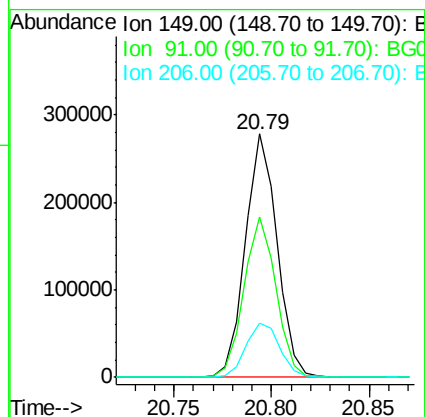
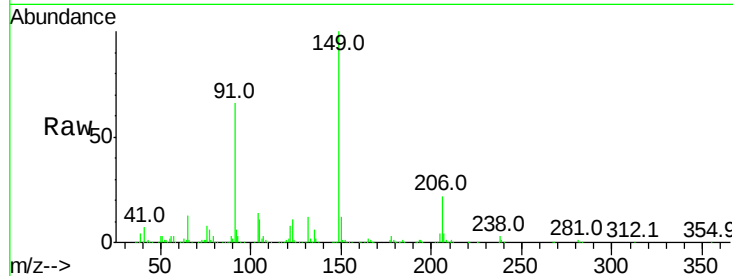




#79
 Butylbenzylphthalate
 Concen: 24.723 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

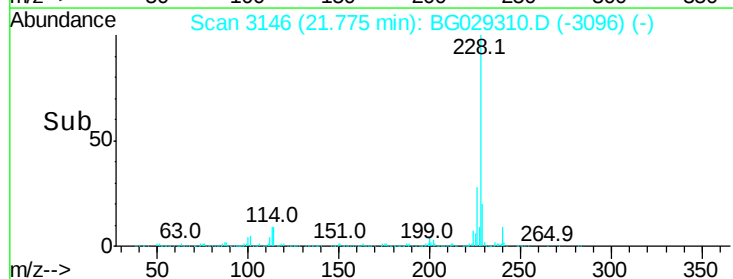
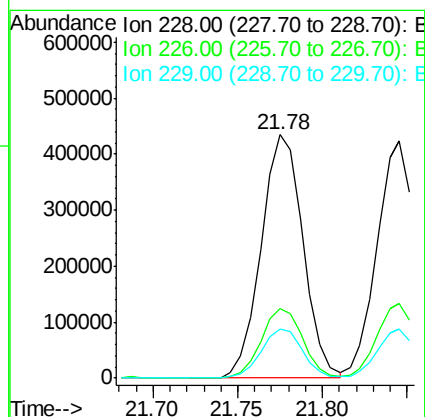
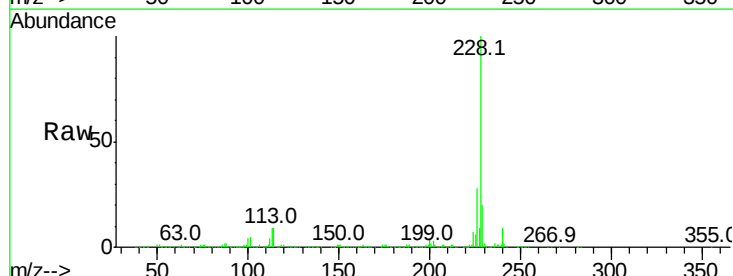
Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	62.2	93.2
206	22.1	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 25.821 ng
 RT: 21.78 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	19.9	16.2	24.2

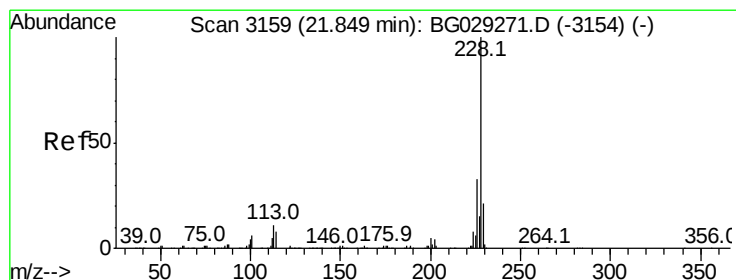
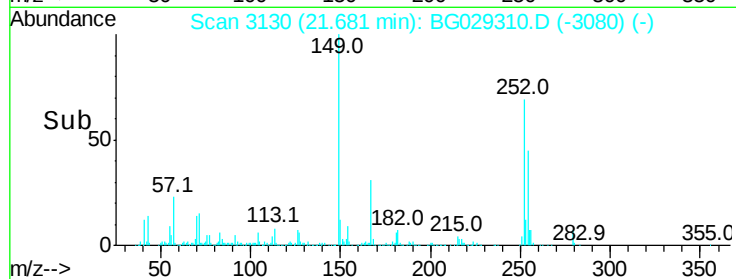
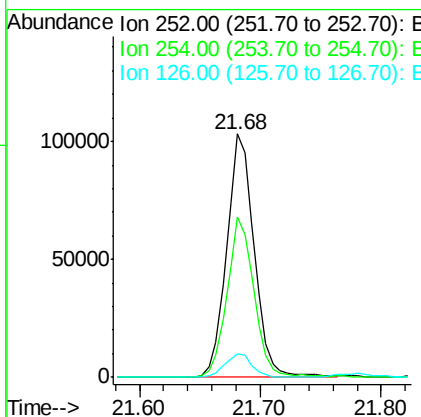
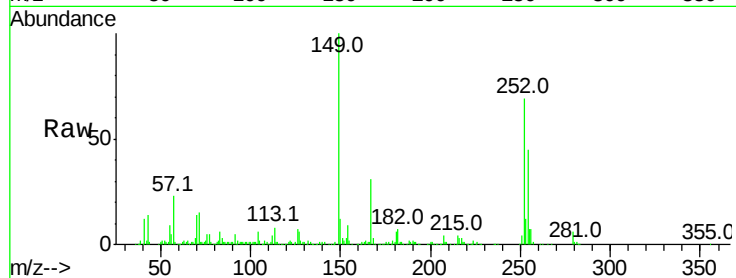




#81
 3,3'-Dichlorobenzidine
 Concen: 13.723 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

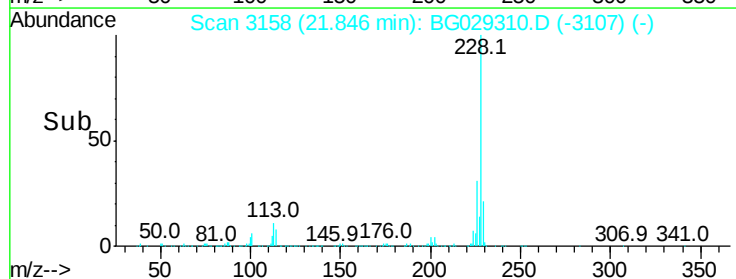
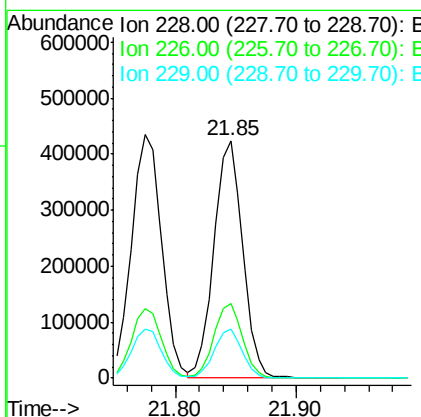
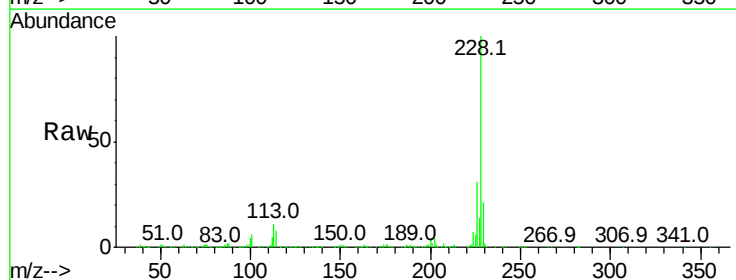
Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion:252 Resp: 163663
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.8 76.2
 126 9.8 7.4 11.2



#82
 Chrysene
 Concen: 25.126 ng
 RT: 21.85 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion:228 Resp: 695281
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 20.5 15.0 22.4

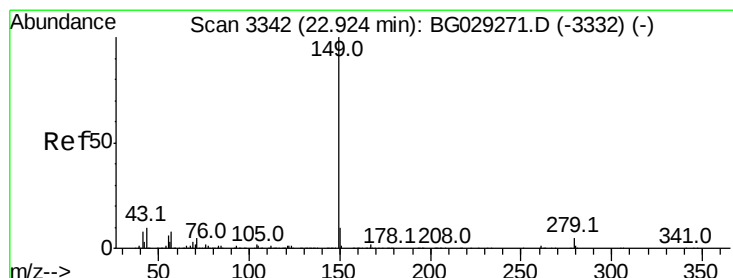
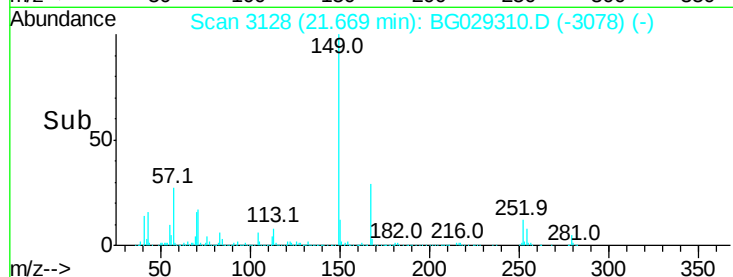
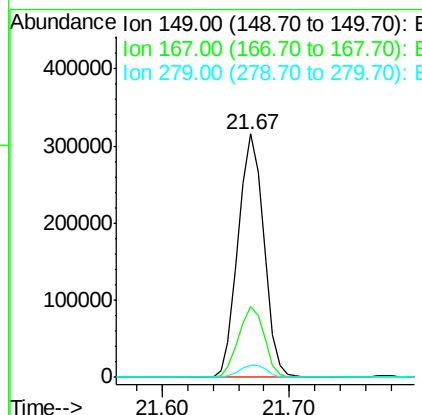
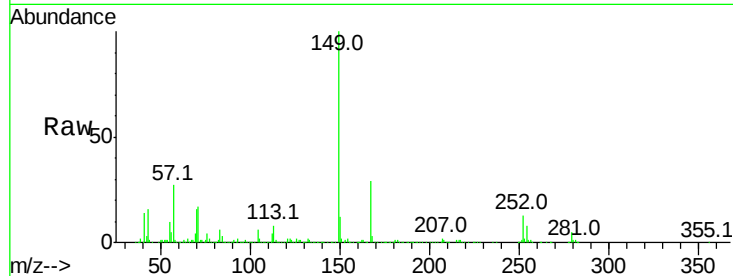




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.322 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

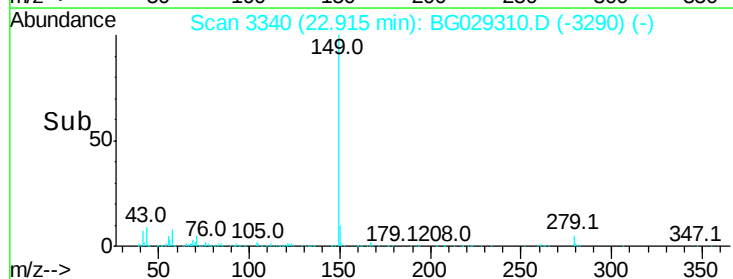
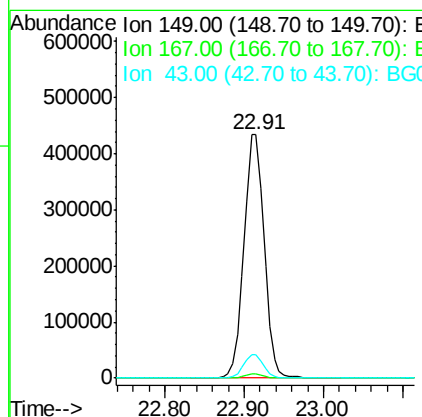
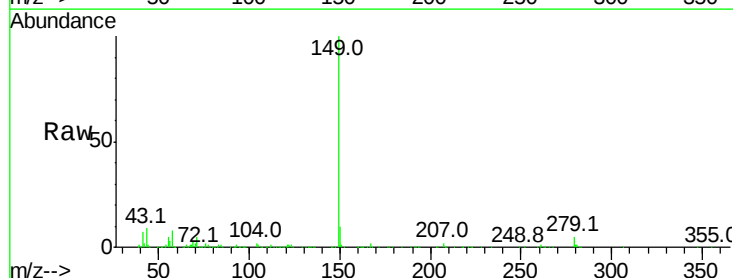
Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

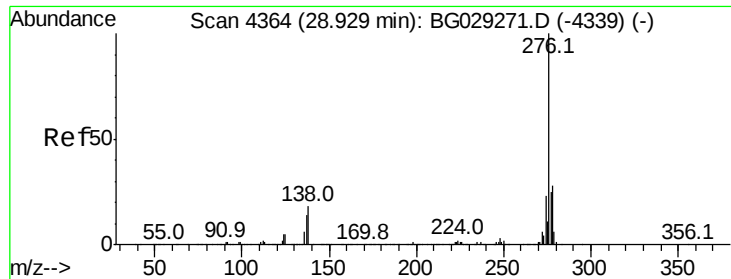
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.3	36.5
279	4.7	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 24.063 ng
 RT: 22.91 min Scan# 3340
 Delta R.T. -0.01 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.4	8.9	13.3

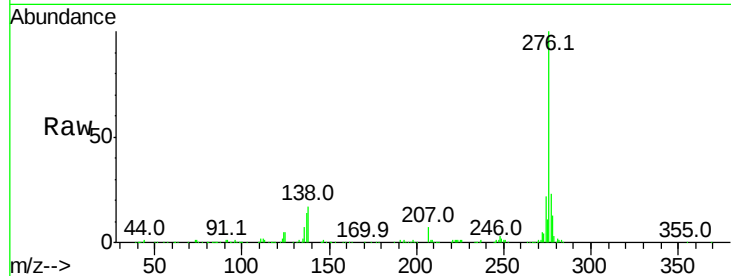




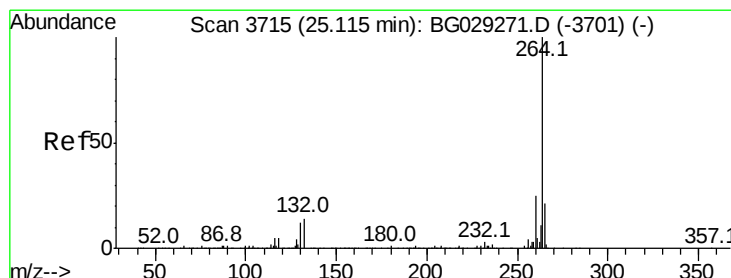
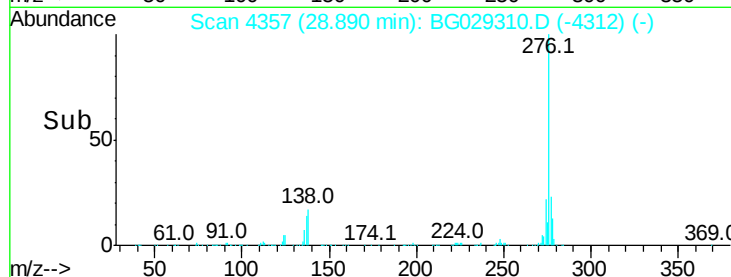
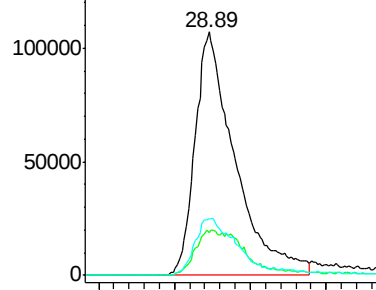
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.147 ng
 RT: 28.89 min Scan# 4357
 Delta R.T. -0.04 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB103373BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.6	16.0	24.0
277	23.9	20.0	30.0

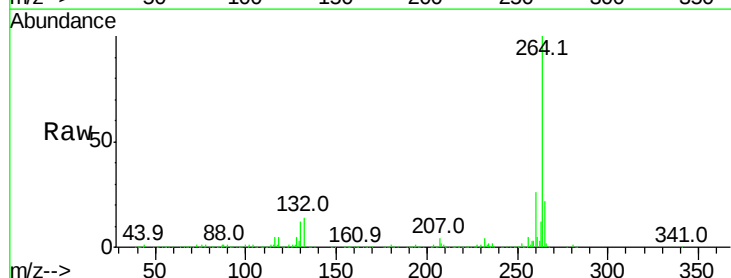


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

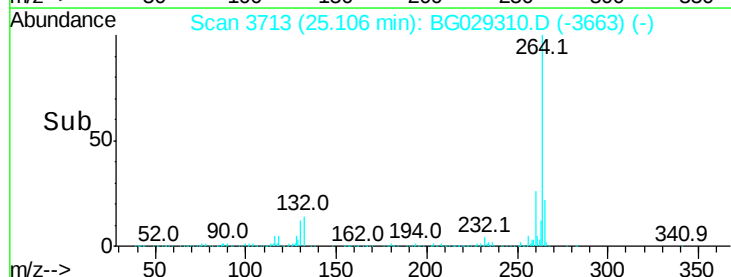
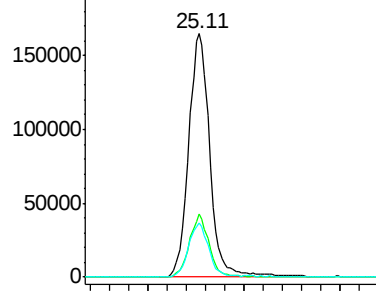


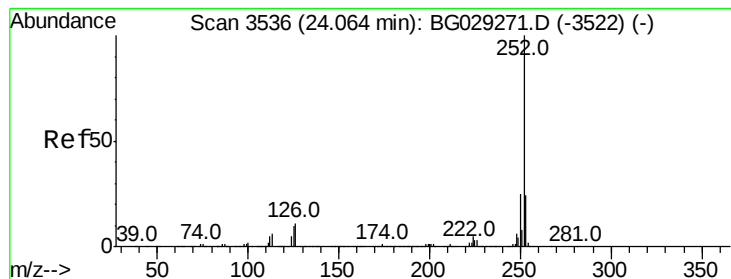
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG029310.D
 Acq: 17 Oct 2017 20:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	17.4	26.0
265	22.2	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 25.900 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

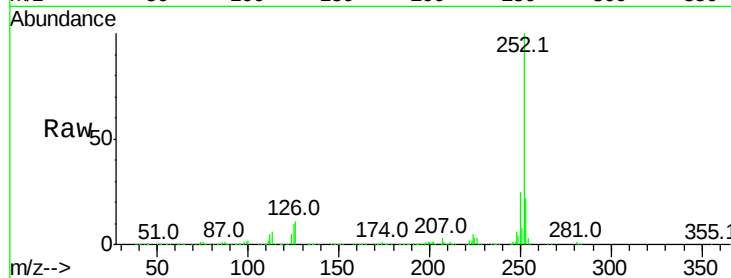
Tot Ion:252 Resp: 748868

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

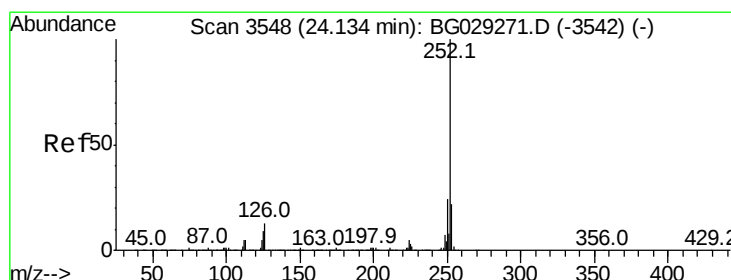
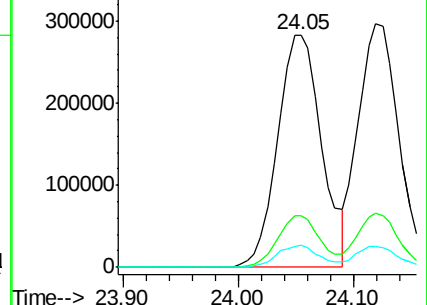
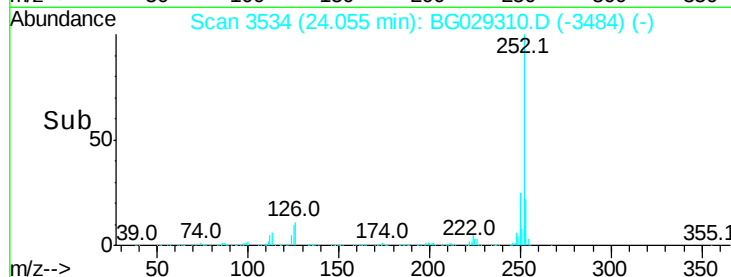
125 9.8 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 25.618 ng

RT: 24.12 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

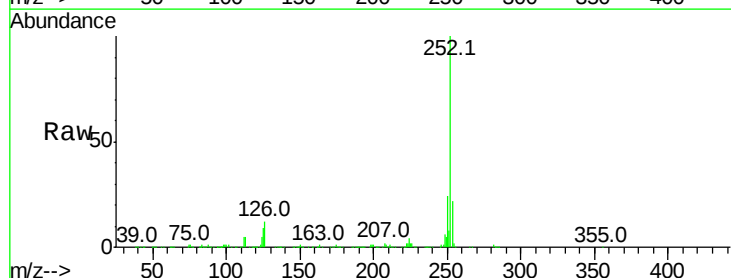
Tgt Ion:252 Resp: 737949

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

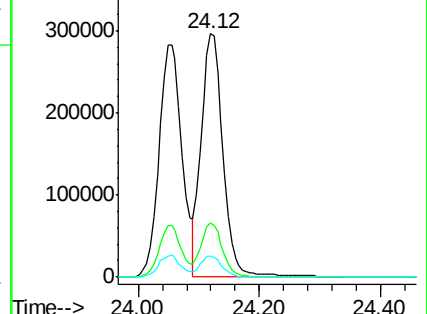
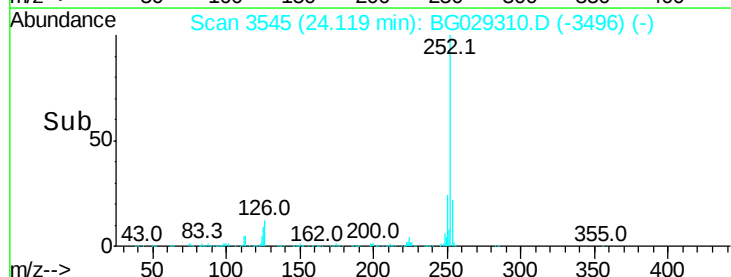
125 8.5 6.6 9.8

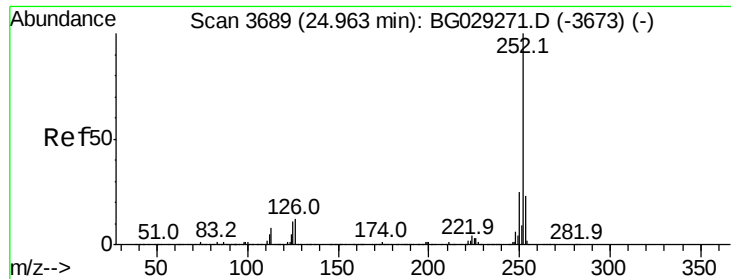


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

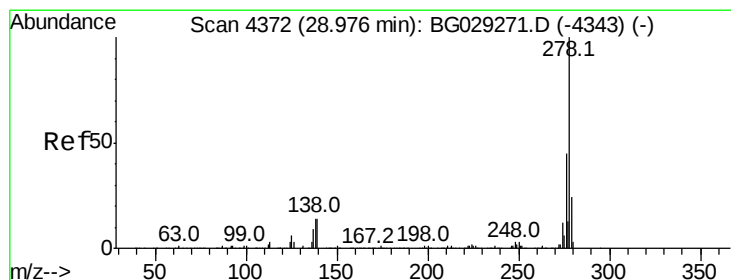
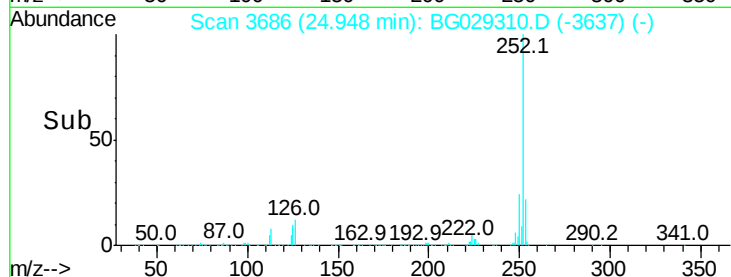
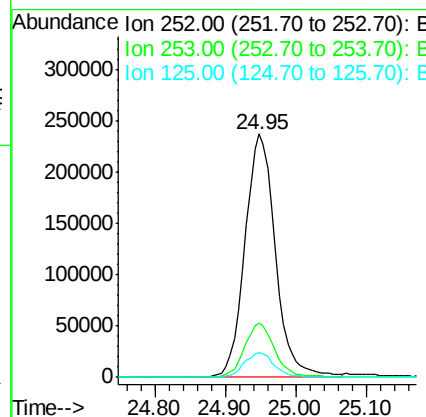
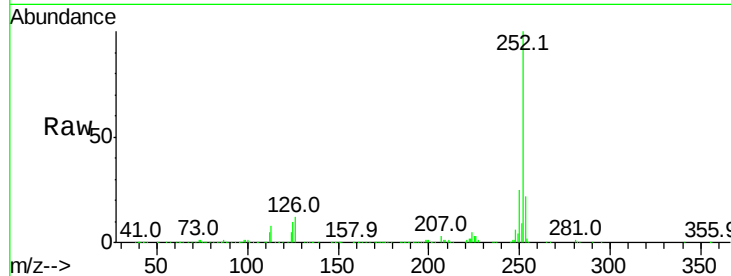




#89
Benzo(a)pyrene
Concen: 25.681 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

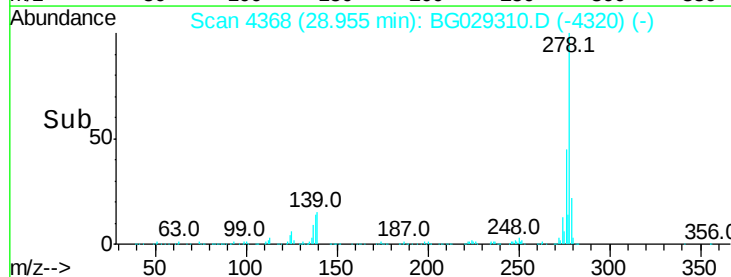
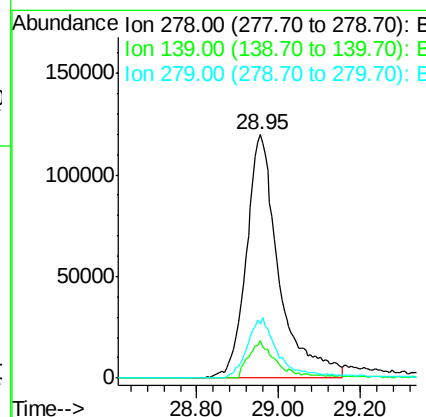
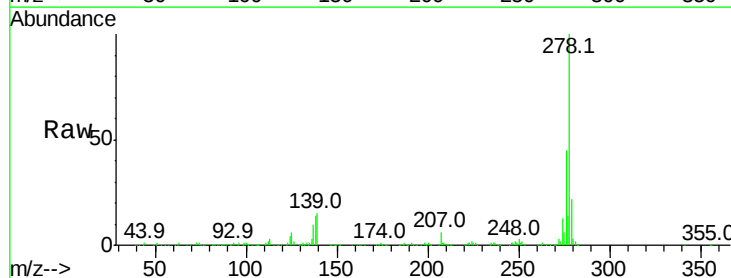
Instrument :
BNA_G
ClientSampleId :
PB103373BSD

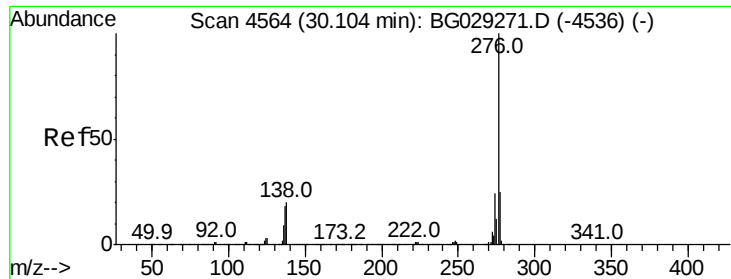
Tot Ion:252 Resp: 713851
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 10.2 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 23.555 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.02 min
Lab File: BG029310.D
Acq: 17 Oct 2017 20:52

Tgt Ion:278 Resp: 662870
Ion Ratio Lower Upper
278 100
139 15.3 9.8 14.6#
279 22.2 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 21.407 ng

RT: 30.07 min Scan# 4558

Delta R.T. -0.03 min

Lab File: BG029310.D

Acq: 17 Oct 2017 20:52

Instrument :

BNA_G

ClientSampleId :

PB103373BSD

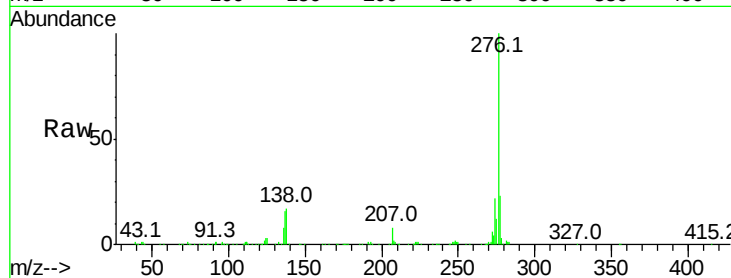
Tot Ion:276 Resp: 559727

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 17.4 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

